

**FINE CHEMICALS AND PHARMACEUTICAL INTERMEDIATES**

**GLSynthesis Inc.**

**Winter 2009**

<b>CAT. NO.</b>	<b>NAME</b>	<b>CAS Registry #</b>	<b>FORMULA</b>	<b>M.W.</b>	<b>Purity</b>
A-001	4-Acetylbenzotrile	1443-80-7	C <sub>9</sub> H <sub>7</sub> NO	145.1	98%
A-002	1-Adamantanemethylamine	17768-41-1	C <sub>11</sub> H <sub>19</sub> N	165.28	98%
A-003	5-Amino- <i>o</i> -cresol	2835-95-2	C <sub>7</sub> H <sub>9</sub> NO	123.16	99%
A-004	4-Amino-2-(aminomethyl)phenol dihydrochloride	135043-64-0	C <sub>7</sub> H <sub>10</sub> N <sub>2</sub> O·2HCl	211.2	99%
A-005	3-(Aminomethyl)phenylacetic acid	113520-43-7	C <sub>9</sub> H <sub>11</sub> NO <sub>2</sub>	165.1	98%
A-006	5-Amino-7-bromo-1 <i>H</i> -indazole		C <sub>7</sub> H <sub>6</sub> BrN <sub>3</sub>	211.98	98%
A-007	2-Amino-5-bromopyrazine	7752-82-1	C <sub>4</sub> H <sub>4</sub> BrN <sub>3</sub>	174.00	
A-008	4-Amino-3-bromothieno[3,2- <i>c</i> ]pyridine		C <sub>7</sub> H <sub>5</sub> BrNS		
A-009	4-Amino-2-chlorobenzoic acid, methyl ester	46004-37-9	C <sub>8</sub> H <sub>8</sub> ClNO <sub>2</sub>	185.61	99%
A-010	5-Amino-6-chloro- <i>o</i> -cresol	84540-50-1	C <sub>7</sub> H <sub>8</sub> ClNO	158.5	99%
A-028	5-amino-4-(4-cyclopropylnaphthalen-1-yl)-4 <i>H</i> -[1,2,4]triazole-3-thiol		C <sub>15</sub> H <sub>14</sub> N <sub>4</sub> S	282.36	99%
A-011	3-Amino-2, 4-dichlorophenol hydrochloride	61693-43-4	C <sub>6</sub> H <sub>5</sub> Cl <sub>2</sub> NO·HCl	214.6	99%
A-012	4-Amino-2,6-dichloropyridine	2587-02-2	C <sub>5</sub> H <sub>4</sub> Cl <sub>2</sub> N <sub>2</sub>	163.01	98%
A-013	4-Amino-2- (diethylaminomethyl)phenol dihydrochloride	51387-92-9	C <sub>11</sub> H <sub>18</sub> N <sub>2</sub> O·2HCl	267.3	99%
A-014	2-Amino-3-hydroxypyridine	16867-03-1	C <sub>5</sub> H <sub>6</sub> N <sub>2</sub> O	110.12	99%
A-015	4-(Aminomethyl)benzamide	369-53-9	C <sub>8</sub> H <sub>10</sub> N <sub>2</sub> O	150.1	98%
A-016	7-Amino-4-methylcoumarin (AMC)	26093-31-2	C <sub>10</sub> H <sub>9</sub> NO <sub>2</sub>	175.19	99%
A-017	4-Amino-3-methylphenol	2835-99-6	C <sub>7</sub> H <sub>9</sub> NO	123.15	99%
A-018	4-Amino-3-nitrophenol	610-81-1	C <sub>6</sub> H <sub>6</sub> N <sub>2</sub> O <sub>3</sub>	154.13	99%
A-019	3-Amino-6-methoxy-2-(methylamino)pyridine		C <sub>7</sub> H <sub>11</sub> N <sub>3</sub> O	153.1	98%
A-020	2-Aminooxazole	4570-45-0	C <sub>3</sub> H <sub>4</sub> N <sub>2</sub> O	84	
A-021	3-Aminopyrazole	1820-80-0	C <sub>3</sub> H <sub>5</sub> N <sub>3</sub>	83.03	98%
A-022	2-Aminothiazole-5-carboxylic acid, ethyl ester	39255-21-8	C <sub>6</sub> H <sub>8</sub> N <sub>2</sub> O <sub>2</sub> S	172.1	98%
A-023	Ariflo	153259-65-5	C <sub>20</sub> H <sub>25</sub> NO <sub>4</sub>	343.42	
A-024	Arofylline	136145-07-8	C <sub>14</sub> H <sub>13</sub> ClN <sub>4</sub> O <sub>2</sub>	304.73	
A-025	L-Aspartic acid α-methyl ester hydrochloride	17812-32-7	C <sub>5</sub> H <sub>9</sub> NO <sub>4</sub> ·HCl	183.63	98%
A-026	L-Aspartic acid β-methyl ester hydrochloride	16856-13-6	C <sub>5</sub> H <sub>9</sub> NO <sub>4</sub> ·HCl	183.63	98%
A-027	5-Azacytidine	320-67-2	C <sub>8</sub> H <sub>12</sub> N <sub>4</sub> O <sub>5</sub>	244.21	
B-001	1,2-Benzisothiazolin-3-one (BIT)	2634-33-5	C <sub>7</sub> H <sub>5</sub> NOS	151.1	99%
B-002	(N-Benzylmorpholin-2-yl)methylamine		C <sub>7</sub> H <sub>18</sub> N <sub>2</sub> O	146.1	98%
B-003	N-Benzylnortropinone	28957-72-4	C <sub>14</sub> H <sub>17</sub> NO	215.2	98%
B-004	N-Boc-nortropinone	185099-67-6	C <sub>12</sub> H <sub>19</sub> NO <sub>3</sub>	225.2	98%
B-005	4-(Benzyloxy)butylamine				
B-006	4-(Benzyloxy)propiophenone	4495-66-3	C <sub>16</sub> H <sub>16</sub> O <sub>2</sub>	240.3	
B-007	5-Benzylthio-1 <i>H</i> -tetrazole (BTT/BMT)	21871-47-6	C <sub>8</sub> H <sub>8</sub> N <sub>4</sub> S	192.1	99%
B-008	Benzotriazol-1-yloxytris(dimethylamino)phosphonium hexafluorophosphate (BOP)	56602-33-6	C <sub>12</sub> H <sub>22</sub> N <sub>6</sub> OP <sub>2</sub> F <sub>6</sub>	442.29	99%

## FINE CHEMICALS AND PHARMACEUTICAL INTERMEDIATES

GLSynthesis Inc.

Winter 2009

B-009	O-Benzotriazol-1-yl-N,N,N',N'-tetramethyluronium hexafluorophosphate (HBTU)	94790-37-1	C <sub>11</sub> H <sub>16</sub> F <sub>6</sub> N <sub>5</sub> OP	379.25	99%
B-010	Boc-Amino-3,6-dioxooctanoic acid		C <sub>11</sub> H <sub>21</sub> NO <sub>6</sub>	263.1	98%
B-011	4-Boc-2-methylpiperazine	120737-59-9	C <sub>10</sub> H <sub>20</sub> N <sub>2</sub> O <sub>2</sub>	200.1	98%
B-012	(2S)-N-Boc-4-oxopipercolic acid	198646-60-5	C <sub>11</sub> H <sub>17</sub> NO <sub>5</sub>	243.26	
B-013	Boc-L-β-phenylalanine	161024-80-2	C <sub>15</sub> H <sub>21</sub> NO <sub>4</sub>	279.2	98%
B-014	N-Boc-propargylglycine methyl ester		C <sub>11</sub> H <sub>17</sub> NO <sub>4</sub>	227.1	98%
B-015	1-Boc-piperidine-4-amino-4-carboxylic acid				
B-016	1-Boc-piperidine-4-(Fmoc-amino)-4-carboxylic acid				
B-017	Boc-L-β-proline		C <sub>11</sub> H <sub>19</sub> O <sub>4</sub>	215.12	98%
B-018	N-Boc-4-propylpipercolinic acid				
B-037	5-Bromo-benzofuran	23145-07-5	C <sub>8</sub> H <sub>5</sub> BrO	197.03	98%
b-038	2-Bromo-3-chlorobenzoic acid	56961-26-3	C <sub>7</sub> H <sub>4</sub> BrClO <sub>2</sub>	235.51	98%
B-019	8-Bromo-4-chloro-2-methylthiopyrazolo[1,5-a]1,3,5-triazine				
B-020	3-Bromo-4-chlorothieno[3,2-c]pyridine		C <sub>7</sub> H <sub>3</sub> BrClNS	248.53	98%
B-021	10-Bromo-1-decanol	53463-68-6	C <sub>10</sub> H <sub>21</sub> BrO	237.2	97%
B-022	5-Bromo-2'-deoxyuridine	59-14-3	C <sub>9</sub> H <sub>11</sub> BrN <sub>2</sub> O <sub>5</sub>	307.10	
B-039	1-Bromo-3,5-di-tert-butylbenzene	22385-77-9	C <sub>14</sub> H <sub>21</sub> Br	269.22	98%
B-023	12-Bromo-1-dodecanol	3344-77-2	C <sub>12</sub> H <sub>25</sub> BrO	265.24	99%
B-024	7-Bromo-1-heptanol	10160-24-4	C <sub>7</sub> H <sub>15</sub> BrO	195.1	95%
B-025	6-Bromo-1-hexanol	4286-55-9	C <sub>6</sub> H <sub>13</sub> BrO	181.07	
B-026	3-Bromoimidazo[1,2-a]pyrazine	57948-41-1	C <sub>6</sub> H <sub>4</sub> BrN <sub>3</sub>	204	98%
B-027	3-Bromoimidazo[1,2-a]pyridine	4926-47-0	C <sub>7</sub> H <sub>5</sub> BrN <sub>2</sub>	197.03	98%
B-040	5-Bromo-indazole	53857-57-1	C <sub>7</sub> H <sub>5</sub> BrN <sub>2</sub>	197.04	98%
B-041	6-Bromo-indazole	79762-54-2	C <sub>7</sub> H <sub>5</sub> BrN <sub>2</sub>	197.04	98%
B-042	3-Bromo-4-methoxyaniline	19056-41-8	C <sub>7</sub> H <sub>8</sub> BrNO	202.04	98%
B-043	3-Bromo-4-methoxyphenol	17332-12-6	C <sub>7</sub> H <sub>7</sub> BrO <sub>2</sub>	203.03	98%
B-044	5-Bromo-3-methylindazole	552331-16-5	C <sub>8</sub> H <sub>7</sub> BrN <sub>2</sub>	211.07	98%
B-045	6-Bromo-3-methylindazole	7746-27-2	C <sub>8</sub> H <sub>7</sub> BrN <sub>2</sub>	211.07	98%
B-028	2-Bromo-3-methylpyridine	3430-17-9	C <sub>6</sub> H <sub>6</sub> BrN	172	98%
B-029	7-Bromo-5-nitro-1H-indazole		C <sub>7</sub> H <sub>4</sub> BrN <sub>3</sub> O <sub>2</sub>	242	98%
B-030	9-Bromo-1-nonanol	55362-80-6	C <sub>9</sub> H <sub>19</sub> BrO	223.16	98%
B-031	8-Bromo-1-octanol	50816-19-8	C <sub>8</sub> H <sub>17</sub> BrO	209.13	98%
B-046	3-Bromo-6-(pyridin-4-yl)-indazole		C <sub>12</sub> H <sub>8</sub> BrN <sub>3</sub>	274.10	98%
B-032	11-Bromo-1-undecanol	1611-56-9	C <sub>11</sub> H <sub>23</sub> BrO	251.21	98%
B-033	4-Bromothieno[2,3-c]pyridine-2-carboxamide		C <sub>8</sub> H <sub>5</sub> BrN <sub>2</sub> OS	257	98%
B-034	4-Bromothieno[2,3-c]pyridine-2-carboxylic acid, methyl ester		C <sub>9</sub> H <sub>6</sub> BrNO <sub>2</sub> S	272	98%
B-035	11-Bromoundecanoic acid	2834-05-1	C <sub>11</sub> H <sub>21</sub> BrO <sub>2</sub>	265.2	98%
B-036	tert-Butyl N-Hydroxycarbamate (Boc-N-hydroxylamine)	36016-38-3	C <sub>5</sub> H <sub>11</sub> NO <sub>3</sub>	133.15	99%
C-001	Carbonylbisphosphonic acid	17255-30-0	CH <sub>4</sub> O <sub>7</sub> P <sub>2</sub>	189.98	

**FINE CHEMICALS AND PHARMACEUTICAL INTERMEDIATES**

**GLSynthesis Inc.**

**Winter 2009**

C-002	1,1'-Carbonyldiimidazole (CDI)	530-62-1	C <sub>7</sub> H <sub>6</sub> N <sub>4</sub> O	162.15	99%
C-003	5-Chloro-1,3-benzodioxol-4-amine	379228-45-2	C <sub>7</sub> H <sub>6</sub> ClNO <sub>2</sub>	171.58	
C-004	2-Chloro-3-(chloromethyl)quinoline	90097-52-2	C <sub>10</sub> H <sub>7</sub> Cl <sub>2</sub> N	212.2	99%
C-005	2-Chloro-5-ethylpyrimidine	111196-81-7	C <sub>6</sub> H <sub>7</sub> ClN <sub>2</sub>	142.59	99%
C-006	2-Chloro-4-fluorobenzoic acid	2252-51-9	C <sub>7</sub> H <sub>4</sub> ClFO <sub>2</sub>	174.56	99%
C-007	6-Chloroimidazo[1,2-b]pyridazine	6775-78-6	C <sub>6</sub> H <sub>4</sub> ClN <sub>3</sub>	153.6	98%
C-008	7-Chloroimidazo[1,2-a]pyridine	4532-25-6	C <sub>7</sub> H <sub>5</sub> ClN <sub>2</sub>	152.58	98%
C-026	2-Chloro-3-methoxyaniline HCl	2401-24-3	C <sub>7</sub> H <sub>8</sub> ClNO-HCl	194.1	98%
C-009	Chloromethylenebisphosphonic acid				
C-010	4-Chloro-2-methylthio-quinazoline	58803-74-0	C <sub>9</sub> H <sub>7</sub> ClN <sub>2</sub> S	210.6	98%
C-011	5-(2-Chloro-4-nitrophenyl)furan-2-carboxaldehyde	327049-94-5	C <sub>11</sub> H <sub>5</sub> ClNO <sub>3</sub>	234.62	98%
C-012	5-(2-Chlorophenyl)-2-methyl-4-thiazolecarboxylic acid		C <sub>11</sub> H <sub>8</sub> ClNO <sub>2</sub> S	253.6	98%
C-013	3-(2-Chlorophenyl)-2-oxopropionic acid		C <sub>9</sub> H <sub>7</sub> ClO <sub>3</sub>	198.6	98%
C-014	4-Chloro-2-(trifluoromethyl)quinazoline	52353-35-2	C <sub>9</sub> H <sub>4</sub> ClF <sub>3</sub> N <sub>2</sub>	232.6	98%
C-015	8-Chloro-1-octanol	23144-52-7	C <sub>8</sub> H <sub>17</sub> ClO	164.68	99%
C-016	6-Chloroindol-2(3H)-one	56341-37-8	C <sub>8</sub> H <sub>6</sub> ClNO	167.6	98%
C-017	2-(Chloromethyl)pyridine HCl	6959-47-3	C <sub>6</sub> H <sub>6</sub> ClN HCl	164.03	99%
C-018	4-Chloro-2-(methylthio)pyrazolo[1,5-a]1,3,5-triazine		C <sub>6</sub> H <sub>5</sub> ClN <sub>4</sub> S	200.6	
C-019	4-Chloropyrrolo[2,3-d]pyrimidine	3680-69-1	C <sub>6</sub> H <sub>4</sub> ClN <sub>3</sub>	153.57	98%
C-020	4-Chlorothieno[2,3-c]pyridine-2-carboxamide		C <sub>8</sub> H <sub>5</sub> ClN <sub>2</sub> OS	212.6	98%
C-021	4-Chlorothieno[2,3-c]pyridine-2-carboxylic acid, methyl ester		C <sub>9</sub> H <sub>6</sub> ClNO <sub>2</sub> S	227.6	98%
C-022	Coenzyme Q10 (Ubidecarenone)	303-98-0	C <sub>59</sub> H <sub>90</sub> O <sub>4</sub>	863.34	
C-023	4-Cyanobenzoic acid	619-65-8	C <sub>8</sub> H <sub>5</sub> NO <sub>2</sub>	147.13	99%
C-024	2-Cyanoethyl N,N,N',N'-tetraisopropylphosphorodiamidite	102691-36-1	C <sub>15</sub> H <sub>32</sub> N <sub>3</sub> OP	301.42	97%
C-025	Cyclooctanecarboxaldehyde	6688-11-5	C <sub>9</sub> H <sub>16</sub> O	140.23	98%
D-001	16-Dehydropregnenolone	1162-53-4	C <sub>21</sub> H <sub>30</sub> O <sub>2</sub>	314.46	
D-001	2'-Deoxyadenosine	16373-93-6	C <sub>10</sub> H <sub>15</sub> N <sub>5</sub> O <sub>4</sub>	269.27	99%
D-002	2'-Deoxycytidine monohydrate	207121-53-7	C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> O <sub>4</sub> H <sub>2</sub> O	245.24	99%
D-003	2'-Deoxyguanosine	312693-72-4		285.26	99%
D-004	Dibenzoxazepine	257-07-8	C <sub>13</sub> H <sub>9</sub> NO	195.22	
D-005	Dibenzyl N,N-diisopropylphosphoramidite	108549-23-1	C <sub>20</sub> H <sub>28</sub> NO <sub>2</sub> P	345.42	
D-006	2,5-Dibromo-3-methylpyridine	3430-18-0	C <sub>6</sub> H <sub>5</sub> Br <sub>2</sub> N	250.9	99%
D-007	3,5-Dibromopyridine-4-carboxaldehyde	70201-42-2	C <sub>6</sub> H <sub>3</sub> Br <sub>2</sub> NO	264.9	98%
D-008	[N-(3,4-Dichlorobenzyl)morpholin-2-yl]methylamine				
D-009	2,6-Dichloro-4-iodopyridine	98027-84-0	C <sub>5</sub> H <sub>2</sub> Cl <sub>2</sub> IN	273.96	98%
D-010	3,5-Dichloropyridine-4-carboxaldehyde	136590-83-5	C <sub>6</sub> H <sub>3</sub> Cl <sub>2</sub> NO	176.1	98%
D-011	2,6-Dichloro-4-pyrimidinecarboxylic acid, methyl ester		C <sub>6</sub> H <sub>4</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>2</sub>	207.01	98%
D-012	4,5-Dicyanoimidazole (DCI)	1122-28-7	C <sub>5</sub> H <sub>2</sub> N <sub>4</sub>	118.10	99%

**FINE CHEMICALS AND PHARMACEUTICAL INTERMEDIATES**

**GLSynthesis Inc.**

**Winter 2009**

D-013	5,6-Dihydroxyindoline HBr	29539-03-5	C <sub>8</sub> H <sub>9</sub> NO <sub>2</sub> - HBr	232.1	98%
D-014	2,7-Dihydroxynaphthalene	582-17-2	C <sub>10</sub> H <sub>8</sub> O <sub>2</sub>	160.17	99%
D-015	5,6-Dimethoxybenzothiophene-2-carboxylic acid	23046-03-9	C <sub>11</sub> H <sub>10</sub> O <sub>4</sub> S	238.1	98%
D-016	3,5-Dimethoxy-4-hydroxybenzaldehyde (Syringamide)	134-96-3	C <sub>9</sub> H <sub>10</sub> O <sub>4</sub>	182.1	98%
D-017	3,5-Dimethoxy-4-hydroxybenzotrile (Syringonitrile)	72684-95-8	C <sub>9</sub> H <sub>9</sub> NO <sub>3</sub>	179.1	99%
D-018	4-(4,6-Dimethoxy-1,3,5-triazin-2-yl)-4-methylmorpholinium chloride (DMTMM)	3945-69-5	C <sub>10</sub> H <sub>17</sub> ClN <sub>4</sub> O <sub>3</sub>	276.72	
D-019	4,4'-Dimethoxytrityl chloride (DMT-Cl)	40615-36-9	C <sub>21</sub> H <sub>19</sub> ClO <sub>2</sub>	338.83	99%
D-020	2,6-Dimethyl-4-hydroxybenzaldehyde	34113-69-4	C <sub>9</sub> H <sub>10</sub> O <sub>2</sub>	150.18	98%
D-021	2,6-Dimethyl-4-hydroxyquinoline	15644-82-3	C <sub>11</sub> H <sub>11</sub> NO	173.21	99%
D-022	Diphenylaminechloroarsine (DM)	578-94-9	C <sub>12</sub> H <sub>9</sub> AsClN	277.58	
D-023	Di-tert-butyl N,N-diethylphosphoramidite	117924-33-1	C <sub>12</sub> H <sub>28</sub> NO <sub>2</sub> P	249.33	
D-024	Di-tert-butyl N,N-diisopropylphosphoramidite	137348-86-8	C <sub>14</sub> H <sub>32</sub> NO <sub>2</sub> P	277.38	
E-001	Estriol	50-27-1	C <sub>18</sub> H <sub>24</sub> O <sub>3</sub>	288.40	98%
E-002	Ethanesulfonic acid	594-45-6	C <sub>2</sub> H <sub>6</sub> O <sub>3</sub> S	110.13	98%
E-003	5-Ethyl-2'-deoxyuridine	15176-29-1	C <sub>11</sub> H <sub>16</sub> N <sub>2</sub> O <sub>5</sub>	256.26	
E-004	Ethyl isocyanoacetate	2999-46-4	C <sub>5</sub> H <sub>7</sub> NO <sub>2</sub>	110.1	98%
E-005	3-Ethyl-4-methylaniline		C <sub>9</sub> H <sub>13</sub> NO <sub>2</sub>	135.1	98%
E-006	5-Ethylthio-1H-tetrazole (ETT)	89797-68-2	C <sub>3</sub> H <sub>6</sub> N <sub>4</sub> S	130	99%
F-001	2-Fluoro-4-bromobenzyl bromide	76283-09-5	C <sub>7</sub> H <sub>5</sub> Br <sub>2</sub> F	267.92	
F-002	2'-Fluoro-2'-deoxycytidine	10212-20-1	C <sub>9</sub> H <sub>12</sub> FN <sub>3</sub> O <sub>4</sub>	245.21	
F-003	4-Fluoro-5-hydroxy-2-methylindole	288385-88-6	C <sub>9</sub> H <sub>8</sub> FNO	165.16	98%
F-004	2'-Fluoro-2'-deoxyuridine	784-71-4	C <sub>9</sub> H <sub>11</sub> FN <sub>2</sub> O <sub>5</sub>	246.19	
F-005	Fluoromethylenebisphosphonic acid	10595-93-4	CH <sub>3</sub> FO <sub>6</sub> P <sub>2</sub>	194.0	
F-006	5-(2-Fluorophenyl)-2-methyl-4-thiazolecarboxylic acid		C <sub>11</sub> H <sub>8</sub> FNO <sub>2</sub> S	237.1	98%
F-007	3-(2-Fluorophenyl)-2-oxopropionic acid		C <sub>9</sub> H <sub>7</sub> FO <sub>3</sub>	182.1	98%
F-008	2'-Fluorothymidine	69256-17-3	C <sub>10</sub> H <sub>13</sub> FN <sub>2</sub> O <sub>5</sub>	260.22	
G-001	Glutaric anhydride	108-55-4	C <sub>5</sub> H <sub>6</sub> O <sub>3</sub>	114.10	98%
H-001	3-(4-Hydroxybutyl)-6-(3-ethyl-4-methylanilino)uracil (HB-EMAU)		C <sub>17</sub> H <sub>23</sub> N <sub>3</sub> O <sub>3</sub>	317.38	
H-002	5-(2-Hydroxyethylamino)-2-methylphenol	55302-96-0	C <sub>9</sub> H <sub>13</sub> NO <sub>2</sub>	167.20	98%
H-003	4-Hydroxypyrrolo[2,3-d]pyrimidine	3680-71-5	C <sub>6</sub> H <sub>5</sub> N <sub>3</sub> O	135.10	98%
I-001	Idebenone	58186-27-9	C <sub>19</sub> H <sub>30</sub> O <sub>5</sub>	338.44	
I-002	Imidazo[1,2-a]pyrazine	274-79-3	C <sub>6</sub> H <sub>5</sub> N <sub>3</sub>	119.10	98%
I-003	Imidazo[1,2-b]pyridazine	766-55-2	C <sub>6</sub> H <sub>5</sub> N <sub>3</sub>	119.12	98%
I-004	Imidazo[1,2-a]pyridine	274-76-0	C <sub>7</sub> H <sub>6</sub> N <sub>2</sub>	118.1	98%
I-005	2-Iodoestradiol	24381-12-2	C <sub>18</sub> H <sub>23</sub> IO <sub>2</sub>	398.40	98%
I-006	(2R)-Isopropylpiperazine		C <sub>7</sub> H <sub>16</sub> N <sub>2</sub>	128.10	98%
I-007	(2S)-Isopropylpiperazine		C <sub>7</sub> H <sub>16</sub> N <sub>2</sub>	128.10	98%
K-001	Ketotifen fumarate	34580-14-8	C <sub>23</sub> H <sub>23</sub> NO <sub>5</sub> S	425.50	

**FINE CHEMICALS AND PHARMACEUTICAL INTERMEDIATES**

**GLSynthesis Inc.**

**Winter 2009**

M-001	4-Methoxybutylamine		C <sub>5</sub> H <sub>13</sub> NO	103.16	98%
M-002	7-Methoxy-4-methylcoumarin	2555-28-4	C <sub>11</sub> H <sub>10</sub> O <sub>3</sub>	190.20	
M-003	7-Methoxycoumarin-4-acetic acid	62935-72-2	C <sub>12</sub> H <sub>10</sub> O <sub>5</sub>	234.21	98%
M-004	2-Methoxyestradiol	362-07-2	C <sub>19</sub> H <sub>26</sub> O <sub>3</sub>	302.4	98%
M-005	4-(2-Methoxyethyl)phenol	56718-71-9	C <sub>9</sub> H <sub>12</sub> O <sub>2</sub>	152.19	
M-006	6-Methoxyindol-2(3H)-one		C <sub>9</sub> H <sub>9</sub> NO <sub>2</sub>	163.1	98%
M-007	8-Methoxyquinoline-5-carboxylic acid		C <sub>11</sub> H <sub>9</sub> NO <sub>3</sub>	203.1	98%
M-008	4-Methoxytrityl chloride (MMT-Cl)	14470-28-1	C <sub>20</sub> H <sub>17</sub> ClO	308.81	98%
M-009	2-Methyl-4-Boc-piperazine	120737-59-9	C <sub>10</sub> H <sub>20</sub> N <sub>2</sub> O <sub>2</sub>	200.3	98%
M-010	5-Methyl-2'-deoxycytidine	838-07-3	C <sub>10</sub> H <sub>15</sub> N <sub>3</sub> O <sub>4</sub>	241.24	
M-011	2-Methyl-5-fluoro-1H-indol-3-ylacetic acid, methyl ester		C <sub>12</sub> H <sub>12</sub> FNO <sub>2</sub>	221.1	98%
M-012	4-Methyl-3-nitrophenol	2042-14-0	C <sub>7</sub> H <sub>7</sub> NO <sub>3</sub>	153.14	99%
M-013	3-Methyl-2-phenylpyridine	10273-90-2	C <sub>12</sub> H <sub>11</sub> N	169.1	99%
M-014	5-Methylpyrrole-2-carboxylic acid, ethyl ester	3284-51-3	C <sub>8</sub> H <sub>11</sub> NO <sub>2</sub>	153.1	98%
M-015	4-Methylsulfonyl-3-nitrobenzoic acid	81029-08-5	C <sub>8</sub> H <sub>7</sub> NO <sub>6</sub> S	245.1	98%
M-016	2-(Methylthio)adenosine	4105-39-9	C <sub>11</sub> H <sub>15</sub> N <sub>5</sub> O <sub>4</sub> S	313.34	
M-019	2-(Methylthio)adenosine-5'-triphosphate	43170-89-4	C <sub>11</sub> H <sub>18</sub> N <sub>5</sub> O <sub>13</sub> P <sub>3</sub> S	553.27	
M-020	Methyl vinyl sulfone	3680-02-2	C <sub>3</sub> H <sub>6</sub> O <sub>2</sub> S	106	98%
M-021	Morpholin-2-ylmethylamine	116143-27-2	C <sub>5</sub> H <sub>12</sub> N <sub>2</sub> O	116.1	98%
N-001	4-Nitro-1-naphthalenamine	776-34-1	C <sub>10</sub> H <sub>8</sub> N <sub>2</sub> O <sub>2</sub>	188.19	99%
N-002	4-Nitro-1-naphthol	605-62-9	C <sub>10</sub> H <sub>7</sub> NO <sub>3</sub>	189.17	99%
N-003	3-(4-Nitrophenyl)-2-oxopropionic acid	38335-24-9	C <sub>9</sub> H <sub>7</sub> NO <sub>5</sub>	209.1	98%
N-004	4-Nitrophenylpyruvic acid	38335-24-9	C <sub>9</sub> H <sub>7</sub> NO <sub>5</sub>	209.1	98%
O-001	3-Oxododecanoyl homoserine lactone	152833-54-0	C <sub>16</sub> H <sub>27</sub> NO <sub>4</sub>	297.40	
P-001	Phenylacetyl disulfide (PADS)	15088-78-5	C <sub>16</sub> H <sub>14</sub> O <sub>2</sub> S <sub>2</sub>	302.29	99%
P-002	Phenyldichloroarsine (PDA)	696-28-6	C <sub>6</sub> H <sub>5</sub> Cl <sub>2</sub> As	223	98%
P-003	5-Phenyl-2-methyl-4-thiazolecarboxylic acid		C <sub>11</sub> H <sub>9</sub> NO <sub>2</sub> S	219.1	98%
P-004	3-Phenyl-2-oxopropionic acid		C <sub>9</sub> H <sub>8</sub> O <sub>3</sub>	164.1	98%
P-005	2-Phenylquinoline	612-96-4	C <sub>15</sub> H <sub>11</sub> N	205.26	99%
P-006	Phenyl vinyl sulfone	5535-48-8	C <sub>8</sub> H <sub>8</sub> O <sub>2</sub> S	168.1	98%
P-007	4'-Phosphopantetheine (PPT)	2226-71-3	C <sub>11</sub> H <sub>23</sub> N <sub>2</sub> O <sub>7</sub> PS	358.35	
P-008	L-Prolinamide HCl	42429-27-6	C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> O-HCl	150.6	98%
P-011	6-(Pyridin-4-yl)-indazole	885271-89-6	C <sub>12</sub> H <sub>9</sub> N <sub>3</sub>	195.20	98%
P-009	1H-Pyrrole-3-carboxylic acid	931-03-3	C <sub>5</sub> H <sub>5</sub> NO <sub>2</sub>	111.06	98%
P-010	1H-Pyrrole-2-carboxylic acid, ethyl ester	10022-81-8	C <sub>7</sub> H <sub>9</sub> NO <sub>2</sub>	139.1	98%
Q-001	3-Quinuclidinyl benzilate	6581-06-2	C <sub>21</sub> H <sub>23</sub> NO <sub>3</sub>	337	98%
R-001	Resiquimod hydrochloride (R-848)				
R-002	Roflumilast	162401-32-3	C <sub>17</sub> H <sub>14</sub> Cl <sub>2</sub> F <sub>2</sub> N <sub>2</sub> O <sub>3</sub>	403.21	

**FINE CHEMICALS AND PHARMACEUTICAL INTERMEDIATES**

**GLSynthesis Inc.**

**Winter 2009**

T-001	2,2,6,6-Tetramethylpiperidine	768-66-1	C <sub>9</sub> H <sub>19</sub> N	141.1	98%
T-002	S-(Thiobenzoyl)thioglycolic acid	942-91-6	C <sub>9</sub> H <sub>8</sub> O <sub>2</sub> S <sub>2</sub>	212.29	99%
T-003	4-Thio-5-bromo-2'-deoxyuridine		C <sub>9</sub> H <sub>11</sub> BrN <sub>2</sub> O <sub>4</sub> S	323.1	98%
T-004	6-Thio-2'-deoxyguanosine				
T-005	4-Thiothymidine	7236-57-9	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> O <sub>4</sub> S	258.29	
T-006	Thymidine	50-89-5	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> O <sub>5</sub>	242.23	99%
T-007	<i>p</i> -Tolyhydrazine hydrochloride	637-60-5	C <sub>7</sub> H <sub>10</sub> N <sub>2</sub> -HCl	158.63	99%
T-008	1,3,5-Trinitrohexahydropyrimidine		C <sub>4</sub> H <sub>7</sub> N <sub>5</sub> O <sub>6</sub>	221.1	98%
T-009	Triphenylene	217-59-4	C <sub>18</sub> H <sub>12</sub>	228.29	98%
T-010	Triphosgene	32315-10-9	C <sub>3</sub> Cl <sub>6</sub> O <sub>3</sub>	296.75	98%
V-001	Vildagliptin	274901-16-5	C <sub>17</sub> H <sub>25</sub> N <sub>3</sub> O <sub>2</sub>	303.40	
V-002	4-Vinylbenzylamine	50325-49-0	C <sub>9</sub> H <sub>11</sub> N	133.19	95%
V-003	Vitamin K1(25)	84-80-0	C <sub>31</sub> H <sub>46</sub> O <sub>2</sub>	450.70	

GLSynthesis Inc.

One Innovation Drive

Worcester, MA 01605

Phone: 508 754-6700, ext 100

FAX: 508 754-7075

email: support@glsynthesis.com