

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number	41596
Product	(S)-(-)-2,6-Diamino-4,5,6,7- (6S)-4,5,6,7-Tetrahydro-2,6-benzothiazolediamine (S)-4,5,6,7-Tetrahydro-2,6-benzothiazolediamine
CAS Number	106092-09-5
Molecular Formula	C ₇ H ₁₁ N ₃ S
Molecular Weight	169.25

Warnings	<i>Light sensitive! Moisture sensitive! Heat sensitive!</i>
Synonym 3	(S)-4,5,6,7-Tetrahydrobenzo[d]thiazole-2,6-diamine
Synonym 4	(S)-4,5,6,7-Tetrahydrobenzothiazole-2,6-diamine
Appearance	White to off-white crystalline powder
Solubility	Soluble in dimethyl sulfoxide and methanol
Melting Point	230.1 - 231.1 °C
Optical Rotation	[α] _D ²⁵ = -104 to -84 ° (C = 0.5, MeOH)
Infrared Spectrum	Conforms to structure
¹H NMR	Conforms to structure
Assay by titration	≥ 98%
Purity by GC	≥ 98%
Purity by HPLC	≥ 99%
Storage	Store at 2 - 8 °C

For Laboratory Use Only