
Product Data Sheet

Product Name: Spergualin trihydrochloride

Cat. No.: GC61289

Chemical Properties

Cas. No. 80952-47-2

SMILES O=C(N[C@@H](O)C(NCCCCNCCCN)=O)C[C@@H](O)CCCCNC(N)=N.[H]Cl.[H]Cl.[H]ClFormula $C_{17}H_{40}Cl_3N_7O_4$ M.Wt 512.9

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Spergualin trihydrochloride is a natural product that first identified as an antibiotic from culture filtrates of *Bacillus laterosporus* BMG162-aF2[1].

Spergualin trihydrochloride derivatives likely acts as Hsp70 modulators[1].

[1]. Srikanth Patury, et al. Pharmacological Targeting of the Hsp70 Chaperone. *Curr Top Med Chem.* 2009;9(15):1337-51.

Caution: Product has not been fully validated for medical applications. For research use only.

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