

Product Data Sheet

Product Name: Salpyran dihydrochloride

Cat. No.: GC73031

Chemical Properties

Cas. No.

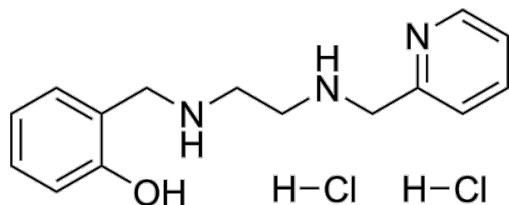
Formula $C_{15}H_{21}Cl_2N_3O$ M.Wt 330.25

Solubility DMSO : 100 mg/mL (302.80 mM; Need ultrasonic) Storage 4°C, sealed storage, away from moisture

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



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

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Background

Salpyran didrochloride is a Cu(II) selective chelator with therapeutic potential. Salpyran didrochloride prevents the formation of reactive oxygen species from the binary Cu(II)/H₂O₂ system.

References:

[1]. Devonport J, et al. Salpyran: A Cu(II) Selective Chelator with Therapeutic Potential. Inorg Chem. 2021 Oct 18;60(20):15310-15320.

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