
Product Data Sheet

Product Name: Phthalylsulfathiazole (N4-Phthalylsulfathiazole)

Cat. No.: GC33490

Chemical Properties

Cas. No. 85-73-4

SMILES O=C(O)C1=CC=CC=C1C(NC2=CC=C(S(=O)(NC3=NC=CS3)=O)C=C2)=OFormula $C_{17}H_{13}N_3O_5S_2$

M.Wt 403.43

Solubility DMSO : ≥ 40 mg/mL (99.15 mM)Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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**

Phthalylsulfathiazole (Sulfathalidine) is a broad-spectrum antimicrobial that can treat different types of infections including intestinal.

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

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