

Product Data Sheet

Product Name: Pantethine (D-Pantethine)

Cat. No.: GC30048

Chemical Properties

Cas. No. 16816-67-4

SMILES O=C(NCCSSCCNC(CCN([C@H](O)C(C)(C)CO)=O)=O)CCNC([C@H](O)C(C)(C)CO)=O

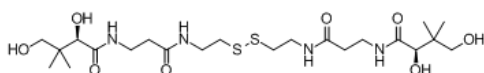
Formula $C_{22}H_{42}N_4O_8S_2$ M.Wt 554.72

Solubility Water : ≥ 80 mg/mL (144.22 mM); DMSO : ≥ 30 mg/mL (54.08 mM) Storage Store at 2-8°C, protect from light

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

Pantethine is a dimeric form of pantothenic acid, is an intermediate in the production of Coenzyme A, is available as a dietary supplement, and is used to treat acne and improve the blood-cholesterol profile.

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

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