
Product Data Sheet

Product Name: Erythropterin

Cat. No.: GC36005

Chemical Properties

Cas. No. 7449-03-8

SMILES O=C(O)C(/C=C1C(NC2=C(N=C(N)NC2=O)N\1)=O)=OFormula C₉H₇N₅O₅ M.Wt 265.18

Solubility Soluble in DMSO 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**

Erythropterin is a Pterin derivative that belongs in a group of heterocyclic compounds that are frequently found in biological systems. Pterin derivatives are responsible for the characteristic warning coloration of some Heteroptera and other insects, signaling noxiousness or unpalatability and are used to discourage potential predators from attacking[1].

[1]. Krajčůek J, et al. Capillary electrophoresis of pterin derivatives responsible for the warning coloration of Heteroptera. J Chromatogr A. 2014 Apr 4;1336:94-100.

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

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