

Product Data Sheet

Product Name: 1,4-DPCA ethyl ester

Cat. No.: GC61949

Chemical Properties

Cas. No. 86443-19-8

SMILES O=C1C2=C(NC=C1C(OCC)=O)C3=NC=CC=C3C=C2

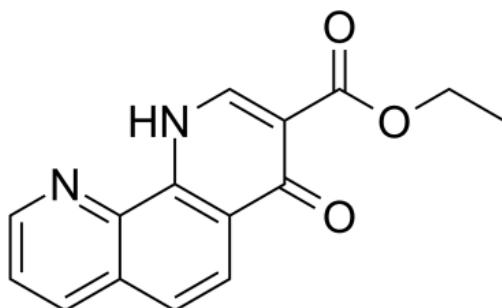
Formula $C_{15}H_{12}N_2O_3$ M.Wt 268.27

Solubility DMSO : 20.83 mg/mL (77.65 mM) 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

1,4-DPCA ethyl ester is the ethyl ester of 1,4-DPCA and can inhibit factor inhibiting HIF (FIH)[1].

1,4-DPCA ethyl ester is a tricyclic compound that inhibits factor inhibiting HIF (FIH)[1].

References:

[1]. Biswadip Banerji, et al. The inhibition of factor inhibiting hypoxia-inducible factor (FIH) by beta-oxocarboxylic acids. Chem Commun (Camb). 2005 Nov 21;(43):5438-40.

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

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