

Product Data Sheet

Product Name: HTS07545

Cat. No.: GC70898

Chemical Properties

Cas. No. 118666-03-8

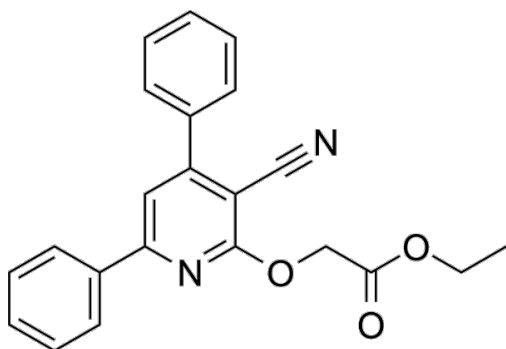
Formula $C_{22}H_{18}N_2O_3$ M.Wt 358.39

Solubility DMSO : 100 mg/mL (279.03 mM); Storage -20°C
Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

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

HTS07545 is a potent sulfide:quinone oxidoreductase (SQOR) inhibitor with an IC₅₀ of 30 nM. HTS07545 decrease the rate of breakdown of hydrogen sulfide (H₂S). HTS07545 can be used for heart failure research.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

References:

[1]. Simon D P Baugh, et al. Synthesis and evaluation of potent novel inhibitors of human sulfide:quinone oxidoreductase. Bioorg Med Chem Lett. 2021 Dec 15;54:128443.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA