

Product Data Sheet

Product Name: Lysyl hydroxylase 2-IN-1

Cat. No.: GC73262

Chemical Properties

Cas. No.

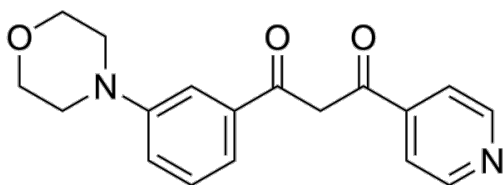
Formula $C_{18}H_{18}N_2O_3$ M.Wt 310.35

Solubility DMSO : 50 mg/mL (161.11 mM; Need ultrasonic) Storage 4°C, stored under nitrogen

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

Lysyl droxylase 2-IN-1 (compound 12) is a selective lysyl droxylase 2 (LH2) Inhibitor with an IC₅₀ of ~300 nM. Lysyl droxylase 2-IN-1 demonstrates selectivity for LH2 over LH1 and LH3.

References:

[1]. Juhoon Lee, et al. Unleashing the Potential of 1,3-Diketone Analogues as Selective LH2 Inhibitors. ACS Med Chem Lett. 2023, 14, 10, 1396-1403.

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

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