

Product Data Sheet

Product Name: Ferroptosis-IN-6

Cat. No.: GC74018

Chemical Properties

Cas. No. 1517780-59-4

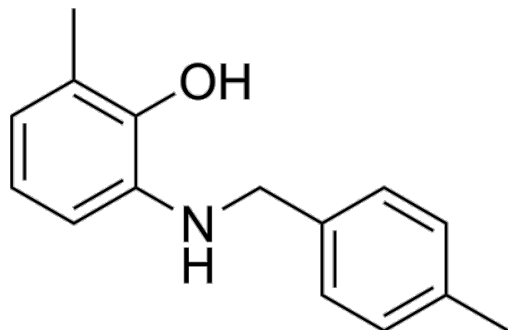
Formula $C_{15}H_{17}NO$ M.Wt 227.3

Solubility DMSO : 100 mg/mL (439.95 mM; ultrasonic and warming and heat to 80°C) Storage -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

Ferroptosis-IN-6 (compound 13) is a potent inhibitor of Ferroptosis with EC₅₀ of 25.5 nM. Ferroptosis-IN-6 significantly inhibits RSL3-induced cell death in cells and in vivo.

References:

[1]. Sheng XH, et al. Design, synthesis, and biological evaluation of 2-amino-6-methyl-phenol derivatives targeting lipid peroxidation with potent anti-ferroptotic activities. Eur J Med Chem. 2023

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

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