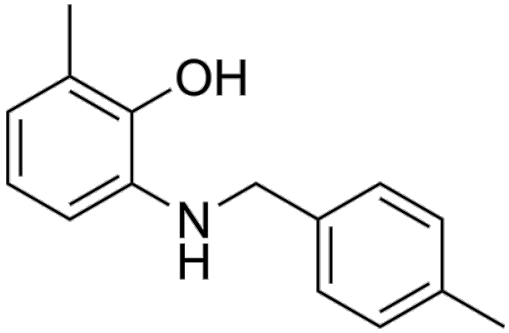
Product Data Sheet

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-metl-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.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA

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