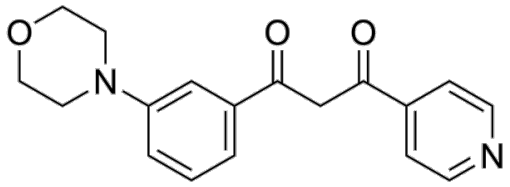
Product Data Sheet

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