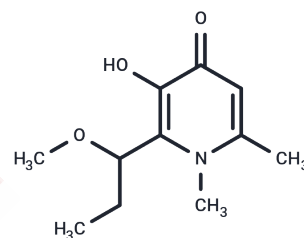


CP 375

Chemical Properties

CAS No. : 752186-89-3
 Formula: C₁₁H₁₇NO₃
 Molecular Weight: 211.26
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	CP 375 is a Fe ³⁺ chelating agent (log K ₁ : 14.50).
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7335 mL	23.6675 mL	47.335 mL
5 mM	0.9467 mL	4.7335 mL	9.467 mL
10 mM	0.4734 mL	2.3668 mL	4.7335 mL
50 mM	0.0947 mL	0.4734 mL	0.9467 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Chen YL, et al. Prediction of 3-hydroxypyridin-4-one (HPO) log K₁ values for Fe(III). Dalton Trans. 2012 Sep 21;41 (35):10784-91.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481