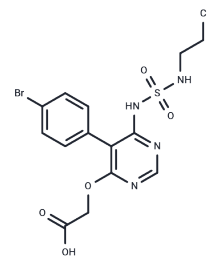


ACT-373898

Chemical Properties

CAS No. : 1433875-14-9
 Formula: C₁₅H₁₇BrN₄O₅
 Molecular Weight: 445.29
 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	ACT-373898 is a metabolite of the endothelin (ET) receptor type A (ETA) and ETBdual antagonist macitentan .1
Targets(IC50)	Endothelin Receptor,Others

Solubility Information

Solubility	DMSO: Soluble Ethanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2457 mL	11.2286 mL	22.4573 mL
5 mM	0.4491 mL	2.2457 mL	4.4915 mL
10 mM	0.2246 mL	1.1229 mL	2.2457 mL
50 mM	0.0449 mL	0.2246 mL	0.4491 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

Dingemans, J., Sidharta, P.N., Maddrey, W.C., et al. Efficacy, safety and clinical pharmacology of macitentan in comparison to other endothelin receptor antagonists in the treatment of pulmonary arterial hypertension. *Expert Opin. Drug Saf.* 13(3)391-405(2013)

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