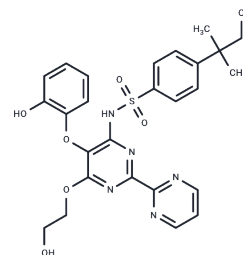


Hydroxy desmethyl Bosentan

Chemical Properties

CAS No. :	253688-62-9
Formula:	C ₂₆ H ₂₇ N ₅ O ₇ S
Molecular Weight:	553.59
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	Hydroxy desmethyl Bosentan (Ro 64-105) is a metabolite of Bosentan formed by the liver cytochrome P450 enzymes CYP2C9 and CYP3A4.
Targets(IC50)	Others, Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8064 mL	9.032 mL	18.0639 mL
5 mM	0.3613 mL	1.8064 mL	3.6128 mL
10 mM	0.1806 mL	0.9032 mL	1.8064 mL
50 mM	0.0361 mL	0.1806 mL	0.3613 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

Lepri S, et al. Metabolism study and biological evaluation of bosentan derivatives. Eur J Med Chem. 2016 Oct 4; 121:658-670.

Dhillon S, et al. Bosentan: a review of its use in the management of mildly symptomatic pulmonary arterial hypertension. Am J Cardiovasc Drugs. 2009;9(5):331-50.

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