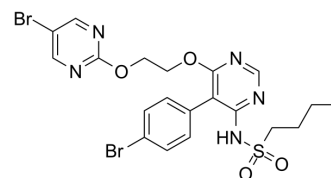


Macitentan (n-butyl analogue)

Cat. No.:	HY-14184A		
CAS No.:	556797-16-1		
Molecular Formula:	C ₂₀ H ₂₁ Br ₂ N ₅ O ₄ S		
Molecular Weight:	587.28		
Target:	Endothelin Receptor		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 125 mg/mL (212.85 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	1.7028 mL	8.5138 mL	17.0277 mL
		5 mM	0.3406 mL	1.7028 mL	3.4055 mL
10 mM		0.1703 mL	0.8514 mL	1.7028 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 6.25 mg/mL (10.64 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	Macitentan n-butyl analogue is a n-butyl analogue of Macitentan. Macitentan is an orally active, non-peptide dual endothelin ETA and ETB receptor antagonist for the potential treatment of idiopathic pulmonary fibrosis (IPF) and pulmonary arterial hypertension (PAH).
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Caution: Product has not been fully validated for medical applications. For research use only.

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