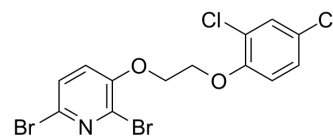


CYM50179

Cat. No.:	HY-116146		
CAS No.:	1355026-47-9		
Molecular Formula:	C ₁₃ H ₉ Br ₂ Cl ₂ NO ₂		
Molecular Weight:	441.93		
Target:	LPL Receptor		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 62.5 mg/mL (141.43 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2628 mL	11.3140 mL	22.6280 mL
	5 mM	0.4526 mL	2.2628 mL	4.5256 mL
	10 mM	0.2263 mL	1.1314 mL	2.2628 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

CYM50179 (compound 22n) is a potent and selective S1P₄-R (Sphingosine-1-phosphate₄ receptor) agonist with an EC₅₀ of 46 nM^[1].

IC₅₀ & Target

S1PR4
46 nM (EC50)

REFERENCES

[1]. Guerrero M, et al. Discovery, design and synthesis of novel potent and selective sphingosine-1-phosphate 4 receptor (S1P₄-R) agonists. *Bioorg Med Chem Lett*. 2012 Jan 1;22(1):537-42.

Caution: Product has not been fully validated for medical applications. For research use only.

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