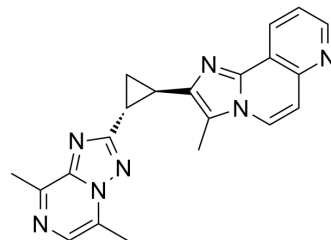


PDE10-IN-1

Cat. No.:	HY-12813		
CAS No.:	1516896-09-5		
Molecular Formula:	C ₂₁ H ₁₉ N ₇		
Molecular Weight:	369.42		
Target:	Phosphodiesterase (PDE)		
Pathway:	Metabolic Enzyme/Protease		
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 : 2 mg/mL (5.41 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.7069 mL	13.5347 mL	27.0695 mL
5 mM	0.5414 mL	2.7069 mL	5.4139 mL
10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description	PDE10-IN-1 is a potent PDE10-IN-1 inhibitor extracted from Patent WO 2013192273 A1, for treating CNS and metabolic disorders.
IC₅₀ & Target	PDE10

REFERENCES

[1]. Campbell, John Emmerson, et al. Preparation of heteroaryl compounds as PDE-10 inhibitors for treating CNS and metabolic disorders. Patent WO 2013192273 A1 20131227.

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

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