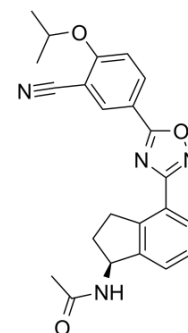


RP101442

Cat. No.:	HY-136577
CAS No.:	1306761-08-9
Molecular Formula:	C ₂₃ H ₂₂ N ₄ O ₃
Molecular Weight:	402.45
Target:	LPL Receptor; Drug Metabolite
Pathway:	GPCR/G Protein; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	RP101442, an active metabolite of Ozanimod, is a selective, potent S1PR1 (sphingosine-1-phosphate receptor 1) agonist, with EC ₅₀ s of 2.6 nM and 171 nM for S1PR1 and S1PR5, respectively ^[1] .	
IC ₅₀ & Target	S1PR1 2.6 nM (EC50)	S1PR5 171 nM (EC50)

REFERENCES

[1]. Tran JQ, et al. Cardiac Safety of Ozanimod, a Novel Sphingosine-1-Phosphate Receptor Modulator: Results of a Thorough QT/QTc Study. Clin Pharmacol Drug Dev. 2018;7(3):263-276.

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

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