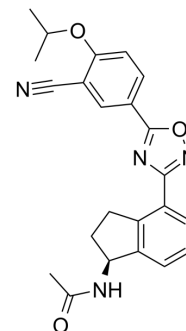


## RP101442

Cat. No.:	HY-136577
CAS No.:	1306761-08-9
Molecular Formula:	C <sub>23</sub> H <sub>22</sub> N <sub>4</sub> O <sub>3</sub>
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 Certificate of Analysis.



## BIOLOGICAL ACTIVITY

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

## 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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