

RP-101075

## Chemical Properties

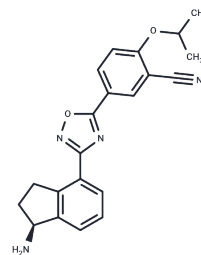
CAS No. : 1306760-73-5

Formula: C<sub>21</sub>H<sub>20</sub>N<sub>4</sub>O<sub>2</sub>

Molecular Weight: 360.41

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	RP-101075 is a etabolite of Ozanimod. It exhibits a similar specificity profile as Ozanimod at the S1P receptor family in vitro, and pharmacodynamic profile in vivo.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7746 mL	13.8731 mL	27.7462 mL
5 mM	0.5549 mL	2.7746 mL	5.5492 mL
10 mM	0.2775 mL	1.3873 mL	2.7746 mL
50 mM	0.0555 mL	0.2775 mL	0.5549 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Taylor Meadows KR, Steinberg MW, Clemons B, Stokes ME, Opiteck GJ, Peach R, Scott FL. Ozanimod (RPC1063), a selective S1PR1 and S1PR5 modulator, reduces chronic inflammation and alleviates kidney pathology in murine systemic lupus erythematosus. PLoS One. 2018 Apr 2;13(4):e0193236. doi: 10.1371/journal.pone.0193236. eCollection 2018. PubMed PMID: 29608575; PubMed Central PMCID: PMC5880347.

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