

MRS4478

Chemical Properties

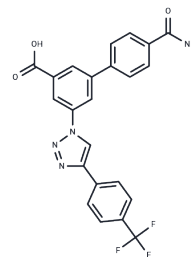
CAS No. :

Formula: C₂₃H₁₅F₃N₄O₃

Molecular Weight: 452.39

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	MRS4478 is an effective inhibitor of the P2Y ₁₄ Receptor.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2105 mL	11.0524 mL	22.1048 mL
5 mM	0.4421 mL	2.2105 mL	4.421 mL
10 mM	0.221 mL	1.1052 mL	2.2105 mL
50 mM	0.0442 mL	0.221 mL	0.4421 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

Yu J, Ciancetta A, Dudas S, Duca S, Lottermoser J, Jacobson KA. Structure-Guided Modification of Heterocyclic Antagonists of the P2Y₁₄ Receptor. J Med Chem. 2018 May 16. doi: 10.1021/acs.jmedchem.8b00168. [Epub ahead of print] PubMed PMID: 29767967.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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