

TP-1454

Chemical Properties

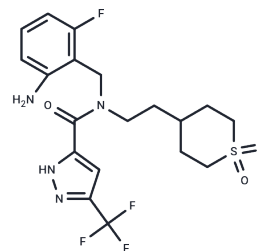
CAS No. : 2490276-04-3

Formula: C₁₉H₂₂F₄N₄O₃S

Molecular Weight: 462.46

Appearance:

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



Biological Description

Description	TP-1454 is an activator against PKM2 with a biochemically determined AC50 of 10 Nm. It can regulate tumor immune responses by acting on T regulatory cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1623 mL	10.8117 mL	21.6235 mL
5 mM	0.4325 mL	2.1623 mL	4.3247 mL
10 mM	0.2162 mL	1.0812 mL	2.1623 mL
50 mM	0.0432 mL	0.2162 mL	0.4325 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.

Reference

Weagel EG, et al. Med Chem Res 31, 1068-1087 (2022).

Sommakia S, et al. Sumitomo Pharma Oncology, Inc., Lehi, UT

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