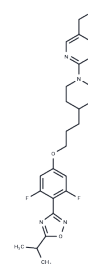


DA-1241

## Chemical Properties

CAS No. : 1914136-10-9  
 Formula: C<sub>25</sub>H<sub>31</sub>F<sub>2</sub>N<sub>5</sub>O<sub>2</sub>  
 Molecular Weight: 471.543  
 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	DA-1241 is a GPR119 agonist. By activating GPR119, it downregulates NFκB signaling, thereby inhibiting macrophage differentiation. Whether used alone or in combination with DPP4 inhibitors, DA-1241 can alleviate liver inflammation and restore the expression of liver genes linked to inflammation. It is applicable in the research of metabolic dysfunction-associated steatohepatitis (MASH).
Targets(IC50)	GPCR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1207 mL	10.6036 mL	21.2071 mL
5 mM	0.4241 mL	2.1207 mL	4.2414 mL
10 mM	0.2121 mL	1.0604 mL	2.1207 mL
50 mM	0.0424 mL	0.2121 mL	0.4241 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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