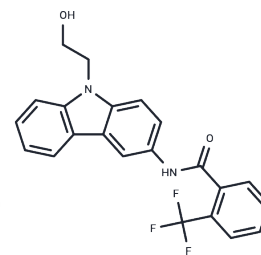


AF3485

Chemical Properties

CAS No. : 1195786-61-8
 Formula: C₂₂H₁₇F₃N₂O₂
 Molecular Weight: 398.38
 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 AF3485, a human mPGES-1 inhibitor, exhibits anti-tumor activity both in vitro and in vivo. It achieves this by reducing PGE₂ production, inhibiting EGFR signaling, and decreasing the expression of VEGF and FGF-2, which suppresses tumor-associated angiogenesis. When subchronically administered to mice with human A431 xenograft tumors, AF3485 effectively curtails tumor growth.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5102 mL	12.5508 mL	25.1017 mL
5 mM	0.502 mL	2.5102 mL	5.0203 mL
10 mM	0.251 mL	1.2551 mL	2.5102 mL
50 mM	0.0502 mL	0.251 mL	0.502 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

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481