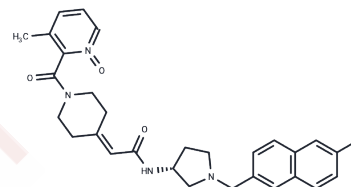


YM-344031

Chemical Properties

CAS No. : 671204-98-1
 Formula: C₂₉H₃₁FN₄O₃
 Molecular Weight: 502.58
 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	YM-344031 is an orally administered antagonist targeting CCR3. It effectively inhibits the binding of Eotaxin-1 and RANTES to CCR3, with IC ₅₀ values of 3.0 and 16.3 nM, respectively. YM-344031 also suppresses ligand-induced increases in intracellular Ca ²⁺ levels and chemotaxis, alters eosinophil morphology induced by eotaxin-1 in macaque blood, and prevents allergic skin reactions in a mouse allergy model.
Targets(IC ₅₀)	CCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9897 mL	9.9487 mL	19.8973 mL
5 mM	0.3979 mL	1.9897 mL	3.9795 mL
10 mM	0.199 mL	0.9949 mL	1.9897 mL
50 mM	0.0398 mL	0.199 mL	0.3979 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

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