

EBI-1051

Chemical Properties

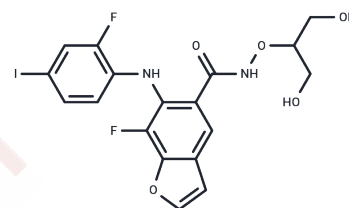
CAS No. : 1801896-05-8

Formula: C₁₈H₁₅F₂IN₂O₅

Molecular Weight: 504.22

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	EBI-1051 is a highly potent and orally efficacious inhibitor of MEK [IC ₅₀ : 3.9 nM].
Targets(IC ₅₀)	MEK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9833 mL	9.9163 mL	19.8326 mL
5 mM	0.3967 mL	1.9833 mL	3.9665 mL
10 mM	0.1983 mL	0.9916 mL	1.9833 mL
50 mM	0.0397 mL	0.1983 mL	0.3967 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

Lu B, et al. Discovery of EBI-1051: A novel and orally efficacious MEK inhibitor with benzofuran scaffold. *Bioorg Med Chem.* 2018 Feb 1;26(3):581-589.

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