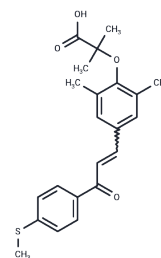


(E/Z)-Elafibranor

Chemical Properties

CAS No. :	824932-88-9
Formula:	C ₂₂ H ₂₄ O ₄ S
Molecular Weight:	384.49
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	(E/Z)-Elafibranor ((E/Z)-GFT505) is a PPAR α / δ agonist with EC ₅₀ s of 45 and 175 nM, respectively.
Targets(IC ₅₀)	PPAR

Solubility Information

Solubility	DMSO: 60 mg/mL (156.05 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (5.2 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6008 mL	13.0042 mL	26.0085 mL
5 mM	0.5202 mL	2.6008 mL	5.2017 mL
10 mM	0.2601 mL	1.3004 mL	2.6008 mL
50 mM	0.052 mL	0.2601 mL	0.5202 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

Liu ZM, et al. Early investigational drugs targeting PPAR- α for the treatment of metabolic disease. Expert Opin Investig Drugs. 2015 May;24(5):611-21.

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