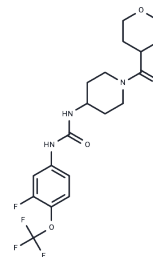


## sEH inhibitor-3

## Chemical Properties

CAS No. :	1809885-35-5
Formula:	C <sub>19</sub> H <sub>23</sub> F <sub>4</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	433.4
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	sEH inhibitor-3 (compound 35) is a potent, orally active inhibitor of soluble epoxide hydrolase (sEH), acting on human sEH with a $K_i$ of 0.75 nM.
Targets(IC <sub>50</sub> )	Epoxide Hydrolase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3073 mL	11.5367 mL	23.0734 mL
5 mM	0.4615 mL	2.3073 mL	4.6147 mL
10 mM	0.2307 mL	1.1537 mL	2.3073 mL
50 mM	0.0461 mL	0.2307 mL	0.4615 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

Kin Sing Stephen Lee, et al. Preparation and evaluation of soluble epoxide hydrolase inhibitors with improved physical properties and potencies for treating diabetic neuropathic pain. *Bioorg Med Chem.* 2020 Nov 15;28(22): 115735.

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