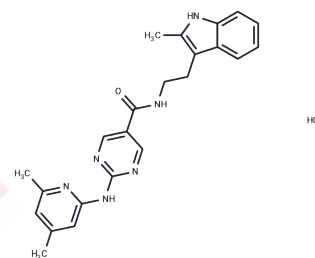


## TG11-77 HCl

## Chemical Properties

CAS No. :	2490544-34-6
Formula:	C <sub>23</sub> H <sub>24</sub> N <sub>6</sub> O.xHCl
Molecular Weight:	436.944
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	TG11-77 HCl is a novel, Potent, Selective, Water Soluble, Brain-Permeable EP2 Receptor Antagonist. TG11-77 HCl has a Schild KB of 9.7 nM on EP2, a water solubility of 2.5 mM, a brain-to-plasma ratio of 0.4, and a plasma half-life of 2.4 h in mice. TG11-77 HCl are representative second generation EP2 antagonists with improved pharmacodynamic and pharmacokinetic properties.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2886 mL	11.4432 mL	22.8864 mL
5 mM	0.4577 mL	2.2886 mL	4.5773 mL
10 mM	0.2289 mL	1.1443 mL	2.2886 mL
50 mM	0.0458 mL	0.2289 mL	0.4577 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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