

PF-07038124 HCl

## Chemical Properties

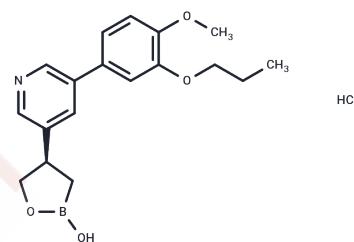
CAS No. : 2415317-57-4

Formula: C<sub>18</sub>H<sub>23</sub>BClNO<sub>4</sub>

Molecular Weight: 363.64

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	PF-07038124 HCl is a selective and potent PDE4 inhibitor with an IC <sub>50</sub> of 0.5 nM for PDE4B2. PF-07038124 HCl inhibits IL-13, IL-4, and IFN $\gamma$ , and can be used in the study of skin disorders such as atopic dermatitis and plaque psoriasis.
Targets(IC <sub>50</sub> )	IL Receptor, PDE

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.750 mL	13.7499 mL	27.4997 mL
5 mM	0.550 mL	2.750 mL	5.4999 mL
10 mM	0.275 mL	1.375 mL	2.750 mL
50 mM	0.055 mL	0.275 mL	0.550 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

Blauvelt A, et al. Next Generation PDE4 Inhibitors that Selectively Target PDE4B/D Subtypes: A Narrative Review. *Dermatol Ther (Heidelb)*. 2023 Dec;13(12):3031-3042.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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