

PF-4348235 2HCl

Chemical Properties

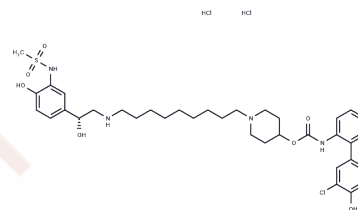
CAS No. :

Formula: C₃₆H₅₁Cl₃N₄O₇S

Molecular Weight: 790.24

Storage: Keep away from moisture, Store at low temperature
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-4348235 2HCl is an adrenergic agonist and muscarinic receptor antagonist, a bronchodilator, and may be used in the study of chronic obstructive pulmonary disease.
Targets(IC ₅₀)	Adrenergic Receptor, AChR
In vitro	PF-4348235 2HCl (Compound 15) has an EC ₅₀ value of 3.7 nM for β ₂ -adrenergic receptors, and the K _i value of PF-4348235 2HCl for human M ₃ receptors is 0.73 nM. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2654 mL	6.3272 mL	12.6544 mL
5 mM	0.2531 mL	1.2654 mL	2.5309 mL
10 mM	0.1265 mL	0.6327 mL	1.2654 mL
50 mM	0.0253 mL	0.1265 mL	0.2531 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

Laura Hilton, et al. Optimized glucuronidation of dual pharmacology β-2 agonists/M₃ antagonists for the treatment of COPD. MedChemComm. 2011.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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