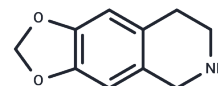


TDIQ hydrochloride

Chemical Properties

CAS No. : 15052-05-8
 Formula: C₁₀H₁₂ClNO₂
 Molecular Weight: 213.661
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.

HCl



Biological Description

Description	TDIQ hydrochloride is an analog of Amphetamine with high affinity for the α 2-adrenergic receptor. This compound acts as a selective ligand for α 2-adrenergic receptors, displaying K_i values of 75 nM, 95 nM, and 65 nM for α 2A-, α 2B-, and α 2C-adrenergic receptors, respectively.
Targets(IC50)	Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6803 mL	23.4017 mL	46.8033 mL
5 mM	0.9361 mL	4.6803 mL	9.3607 mL
10 mM	0.468 mL	2.3402 mL	4.6803 mL
50 mM	0.0936 mL	0.468 mL	0.9361 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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