

Flurpiridaz

Chemical Properties

CAS No. :	863888-33-9
Formula:	C ₁₈ H ₂₂ ClFN ₂ O ₃
Molecular Weight:	368.83
Storage:	Keep away from direct sunlight Store at -20°C <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Flurpiridaz is a positron emission tomography (PET) myocardial perfusion imaging agent. It binds with high affinity to mitochondrial complex I. In various animal models, Flurpiridaz exhibits high cardiac uptake and clearly delineates areas of perfusion defects. It is rapidly absorbed in myocardial tissue and is applicable in research related to coronary artery disease.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7113 mL	13.5564 mL	27.1128 mL
5 mM	0.5423 mL	2.7113 mL	5.4226 mL
10 mM	0.2711 mL	1.3556 mL	2.7113 mL
50 mM	0.0542 mL	0.2711 mL	0.5423 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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