

PAD2-IN-1 hydrochloride

Chemical Properties

CAS No. :

Formula: C₂₅H₃₀ClFN₆O₃

Molecular Weight: 517

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	PAD2-IN-1 hydrochloride is a potent and selective protein arginine deiminase 2 (PAD2) inhibitor with superior selectivity for PAD2 over PAD4 (95-fold) and PAD3 (79-fold), and is a benzimidazole-based derivative.
Targets(IC50)	Others,PAD

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9342 mL	9.6712 mL	19.3424 mL
5 mM	0.3868 mL	1.9342 mL	3.8685 mL
10 mM	0.1934 mL	0.9671 mL	1.9342 mL
50 mM	0.0387 mL	0.1934 mL	0.3868 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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