

AP 811 acetate

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Keep away from moisture
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	AP 811 acetate is a selective antagonist of the atrial natriuretic peptide clearance receptor (ANP-CR, NPR3), with a high affinity ($K_i = 0.48$ nM) and over 20,000-fold selectivity for NPR3 compared to NPR1, effectively inhibiting ANP-induced pump stimulation [1] [2].
Targets(IC50)	Endothelin Receptor
In vitro	In proliferating cardiomyocytes, AP 811 acetate at concentrations ranging from 10 to 500 nM effectively abolishes the enhanced cardiomyocyte proliferation observed with low-dose ANP (10 nM) [3].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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