

ZD7114 free base

Chemical Properties

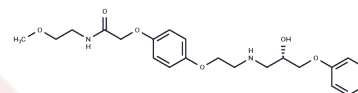
CAS No. : 129689-30-1

Formula: C₂₂H₃₀N₂O₆

Molecular Weight: 418.48

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	ZD7114, also known as ICI-D7114, is a selective adrenoceptor agonist of brown fat and thermogenesis. ICI D7114 stimulates thermogenesis at doses that have little effect on beta 1 or beta 2 adrenoceptors. Treatment with ICI D7114 activates BAT and thermogenesis even in species and situations where the intrinsic capacity is low. ICI D7114 has beneficial effects in animal models of obesity and disturbed glucose and lipid homeostasis.
Targets(IC50)	Others,Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3896 mL	11.948 mL	23.896 mL
5 mM	0.4779 mL	2.3896 mL	4.7792 mL
10 mM	0.239 mL	1.1948 mL	2.3896 mL
50 mM	0.0478 mL	0.239 mL	0.4779 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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