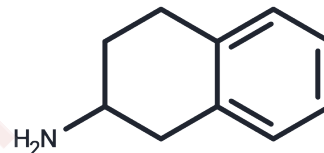


2-Aminotetralin

Chemical Properties

CAS No. :	2954-50-9
Formula:	C ₁₀ H ₁₃ N
Molecular Weight:	147.2169
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	2-Aminotetralin acts as a neuromodulatory agent by inhibiting serotonin (5-HT) and norepinephrine reuptake in the rat brain at a dose of 39.4 mg/kg. It triggers hypothermia in rats through intracisternal or intraperitoneal injection, while the implantation of crystals in the hypothalamus' medial preoptic area leads to hyperthermia. Additionally, it mimics (+)-amphetamine in a two-lever drug discrimination test among rats in a dose-dependent manner.
Targets(IC50)	Others,Serotonin Transporter

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.7926 mL	33.9628 mL	67.9256 mL
5 mM	1.3585 mL	6.7926 mL	13.5851 mL
10 mM	0.6793 mL	3.3963 mL	6.7926 mL
50 mM	0.1359 mL	0.6793 mL	1.3585 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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