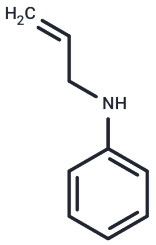
Data Sheet (Cat.No.T20348)

TargetMol

N-Allylaniline

Chemical Properties



CAS No. : 589-09-3

Formula: C9H11N

Molecular Weight: 133.19

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	N-Allylaniline (AI3-10028) is a basic monomer used in the synthesis of imprinted polymers.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (375.4 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.5081 mL	37.5404 mL	75.0807 mL
5 mM	1.5016 mL	7.5081 mL	15.0161 mL
10 mM	0.7508 mL	3.754 mL	7.5081 mL
50 mM	0.1502 mL	0.7508 mL	1.5016 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.

Reference

Dana M, et al. Synthesis of homoveratric acid-imprinted polymers and their evaluation as selective separation materials. Molecules. 2011 May 5;16(5):3826-44.
Mossine VV, et al. Disordered hydrogen bonding in N-(1-deoxy-beta-D-fructopyranos-1-yl)-N-allylaniline. Carbohydr Res. 2009 May 12;344(7):948-51.
Leroi C, et al. Alkoxyamine-mediated radical synthesis of indolinones and indolines. Org Lett. 2003 Dec 25;5(26):4943-5.
Inoue S, Takamatsu N, Kishi Y. [Synthetic studies on echinulin and realted natural products. I. Acid-catalyzed amino-Claisen rearrangement of N-allylaniline and N,N-diallylaniline derivatives (author's transl)]. Yakugaku Zasshi. 1977 May;97(5):553-7. Japanese.