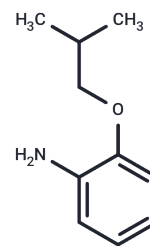


2-Isobutoxyaniline

Chemical Properties

CAS No. :	104065-95-4
Formula:	C ₁₀ H ₁₅ NO
Molecular Weight:	165.23
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	2-Isobutoxyaniline ((2-isobutoxyphenyl)amine) is a marine derived natural products found in Brevibacterium sp.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 125 mg/mL (756.52 mM),Sonication is recommended. H ₂ O: < 1 mg/mL (insoluble or slightly soluble) (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	2% DMSO+40% PEG300+5% Tween 80+53% Saline: 2.5 mg/mL (15.13 mM),Solution. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0522 mL	30.2608 mL	60.5217 mL
5 mM	1.2104 mL	6.0522 mL	12.1043 mL
10 mM	0.6052 mL	3.0261 mL	6.0522 mL
50 mM	0.121 mL	0.6052 mL	1.2104 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

Ozeki K, et al. Studies on antiallergy agents. III. Synthesis of 2-anilino-1,6-dihydro-6-oxo-5-pyrimidinecarboxylic acids and related compounds. Chem Pharm Bull (Tokyo). 1989 Jul;37(7):1780-7.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481