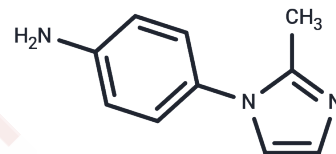


4-(2-Methylimidazol-1-yl)phenylamine

Chemical Properties

CAS No. :	74852-81-6
Formula:	C ₁₀ H ₁₁ N ₃
Molecular Weight:	173.22
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	4-(2-Methylimidazol-1-yl)phenylamine, with CAS No. 74852-81-6, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. 4-(2-Methylimidazol-1-yl)phenylamine provides a structural basis and research tool for the design and screening of novel drug candidates, and is commonly used in drug discovery, drug synthesis, and related research.
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Solubility Information

Solubility	DMSO: 247.5 mg/mL (1428.82 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Saline: 10 mg/mL (57.73 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	5.773 mL	28.865 mL	57.7301 mL
5 mM	1.1546 mL	5.773 mL	11.546 mL
10 mM	0.5773 mL	2.8865 mL	5.773 mL
50 mM	0.1155 mL	0.5773 mL	1.1546 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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