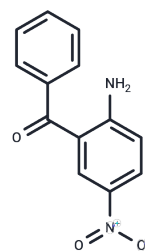


2-Amino-5-nitrobenzophenone

Chemical Properties

CAS No. :	1775-95-7
Formula:	C ₁₃ H ₁₀ N ₂ O ₃
Molecular Weight:	242.23
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-Amino-5-nitrobenzophenone is used as industrial and organic intermediate.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (227.06 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1283 mL	20.6415 mL	41.2831 mL
5 mM	0.8257 mL	4.1283 mL	8.2566 mL
10 mM	0.4128 mL	2.0642 mL	4.1283 mL
50 mM	0.0826 mL	0.4128 mL	0.8257 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

Balachandran V, et al. Spectrochim Acta A Mol Biomol Spectrosc. 2014 Jan 24;118:835-46.

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