

2-Acetylfluorene

Chemical Properties

CAS No. :	781-73-7
Formula:	C ₁₅ H ₁₂ O
Molecular Weight:	208.255
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	2-Acetylfluorene is a product used for proteomics research.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8017 mL	24.0085 mL	48.0169 mL
5 mM	0.9603 mL	4.8017 mL	9.6034 mL
10 mM	0.4802 mL	2.4008 mL	4.8017 mL
50 mM	0.096 mL	0.4802 mL	0.9603 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

SARGENT LJ, SMALL L. Amino carbinols derived from 2-acetylfluorene. J Org Chem. 1948 Jul;13(4):608-12. PubMed PMID: 18873341.

Zawirska B, Medraś K, Sośnik H. [Pyrrole pigments of organs during 2-amino-N-acetylfluorene-induced carcinogenesis in rats]. Zentralbl Allg Pathol. 1971;114(1):41-50. German. PubMed PMID: 4325442.

Sugasawa K, Masutani C, Uchida A, Maekawa T, van der Spek PJ, Bootsma D, Hoeijmakers JH, Hanaoka F. HHR23B, a human Rad23 homolog, stimulates XPC protein in nucleotide excision repair in vitro. Mol Cell Biol. 1996 Sep;16(9):4852-61. PubMed PMID: 8756644; PubMed Central PMCID: PMC231487.

Robinson PD, Lutfi HG, Hou Y, Meyers CY. 1,1-Di(9-fluorenyl)ethyl acetate, a by-product from the acetylation of 9-fluorenyllithium. Acta Crystallogr C. 2001 May;57(Pt 5):582-4. Epub 2001 May 15. PubMed PMID: 11353259.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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