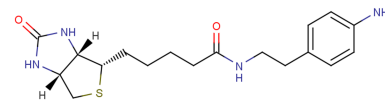


Biotin-aniline

Chemical Properties

CAS No. :	769933-15-5
Formula:	C ₁₈ H ₂₆ N ₄ O ₂ S
Molecular Weight:	362.49
Appearance:	no data available
Storage:	keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Biotin-aniline is a probe that reacts strongly to RNA and DNA. biotin-aniline is highly efficient and is used to capture subcellular transcriptomes in living cells with high spatial specificity.
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Solubility Information

Solubility	DMSO: 45.0 mg/mL (124.1 mM),sonification 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	2.7587 mL	13.7935 mL	27.587 mL
5 mM	0.5517 mL	2.7587 mL	5.5174 mL
10 mM	0.2759 mL	1.3793 mL	2.7587 mL
50 mM	0.0552 mL	0.2759 mL	0.5517 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.

Reference

Zhou Y, et al. Expanding APEX2 Substrates for Proximity-Dependent Labeling of Nucleic Acids and Proteins in Living Cells. Angew Chem Int Ed Engl. 2019 ; 58(34):11763-11767.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481