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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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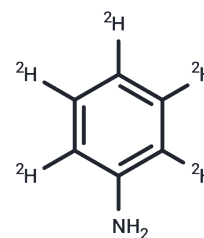
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Aniline-d5

Chemical Properties

CAS No. :	4165-61-1
Formula:	C6D5H2N
Molecular Weight:	98.16
Appearance:	no data available
Storage:	Powder -20°C for 3 years In solvent -80°C for 2 years



Biological Description

Description	Aniline-d5 is a deuterated compound of Aniline. Aniline has a CAS number of 62-53-3. Aniline has been reported to be toxic to the spleen via iron overload and induction of oxidative stress via Heme Oxygenase 1 up-regulation. Toxicity of this agent on the spleen is characterized by hyperplasia, fibrosis, and vascular congestion in rats. Studies suggest that this compound causes significant increase in both p-IKK α and p-IKK β which in-turn increases NF- κ B and AP-1 binding activity. In other experiments, Aniline displays a capacity to induce methemoglobinemia, glutathione depletion, membrane cytoskeletal changes, loss of circulating blood cells, and adversely affects blood stability.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	10.1874 mL	50.9372 mL	101.8745 mL
5 mM	2.0375 mL	10.1874 mL	20.3749 mL
10 mM	1.0187 mL	5.0937 mL	10.1874 mL
50 mM	0.2037 mL	1.0187 mL	2.0375 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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