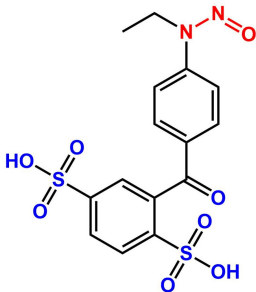


# CERTIFICATE OF ANALYSIS

Date: 27-12-2024

<b>Product Name</b>	<b>N-Nitroso Isosulfan Blue Impurity 1</b>		
<b>Chemical Name</b>	2-(4-(ethyl(Nitroso)amino)benzoyl)benzene-1,4-disulfonic acid		
<b>Structure</b>	 <p>The chemical structure shows a central benzene ring with two sulfonic acid groups (-SO<sub>3</sub>H) at the 1 and 4 positions. At the 2 position, there is a carbonyl group (-C(=O)-) attached to a para-substituted benzene ring. This second benzene ring has an ethyl nitroso group (-N(NO)CH<sub>2</sub>CH<sub>3</sub>) at the 4 position.</p>		
<b>Inv. Status</b>	-	<b>CAS No.</b>	NA
<b>Analysis Date</b>	-	<b>Retest Date</b>	-
<b>Mol. Formula</b>	C <sub>15</sub> H <sub>14</sub> N <sub>2</sub> O <sub>8</sub> S <sub>2</sub>	<b>Molecular Wt.</b>	414.4
<b>Long term Storage Condition</b>	Store at 2-8 °C in well closed container		
<b>Handling and Transit Condition</b>	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
<sup>1</sup> H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%
<b>Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.</b>	

	Prepared By	Checked By	Approved By
<b>Signature</b>			
<b>Date</b>			

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