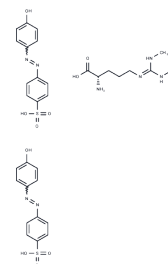


SDMA (p-hydroxyazobenzene-p'-sulfonate)

Chemical Properties

CAS No. :	1266235-58-8
Formula:	C ₁₂ H ₁₀ N ₂ O ₄ S 1/2C ₈ H ₁₈ N ₄ O ₂
Molecular Weight:	379.4
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	SDMA p-Hydroxyazobenzene-p'-sulfonate is the p-hydroxyazobenzene-p'-sulfonate form of SDMA. It acts as an inhibitor of endogenous nitric oxide synthase (NO synthase) and serves as an activator of NF-κB, enhancing the expression of IL-6 and TNF-α. This compound remains stable in serum and plasma, making it a potential biomarker for liver and kidney dysfunction.
Targets(IC50)	NF-κB,Endogenous Metabolite,NO Synthase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6357 mL	13.1787 mL	26.3574 mL
5 mM	0.5271 mL	2.6357 mL	5.2715 mL
10 mM	0.2636 mL	1.3179 mL	2.6357 mL
50 mM	0.0527 mL	0.2636 mL	0.5271 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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