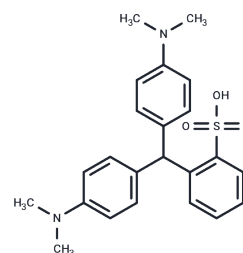


Leucoberbelin blue I

Chemical Properties

CAS No. :	52748-86-4
Formula:	C ₂₃ H ₂₆ N ₂ O ₃ S
Molecular Weight:	410.53
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	Leucoberbelin blue I (LBB) is a latent color base that forms a colored complex when it undergoes oxidation by manganese through a hydrogen atom transfer reaction. LBB is applicable in the quantification or confirmation of Mn (II) oxide formation.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4359 mL	12.1794 mL	24.3588 mL
5 mM	0.4872 mL	2.4359 mL	4.8718 mL
10 mM	0.2436 mL	1.2179 mL	2.4359 mL
50 mM	0.0487 mL	0.2436 mL	0.4872 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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