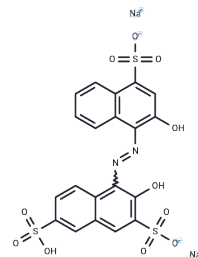


Hydroxy naphthol blue disodium

Chemical Properties

CAS No. :	165660-27-5
Formula:	C ₂₀ H ₁₂ N ₂ Na ₂ O ₁₁ S ₃
Molecular Weight:	598.49
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Hydroxy naphthol blue disodium, an azo dye and metal indicator for calcium as well as a colorimetric reagent for alkaline earth metal ions ($\lambda_{max} = 650 \text{ nm}$), exhibits a reddish-pink color in calcium ion solutions at pH 12 to 13 and transitions to deep blue when disodium EDTA is introduced [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6709 mL	8.3544 mL	16.7087 mL
5 mM	0.3342 mL	1.6709 mL	3.3417 mL
10 mM	0.1671 mL	0.8354 mL	1.6709 mL
50 mM	0.0334 mL	0.1671 mL	0.3342 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

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

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481