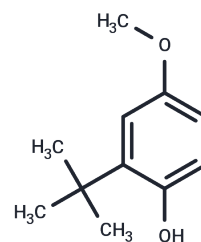


Butylhydroxyanisole

Chemical Properties

CAS No. :	25013-16-5
Formula:	C ₁₁ H ₁₆ O ₂
Molecular Weight:	180.25
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Butylhydroxyanisole (BHA) is an antioxidant consisting of a mixture of two isomeric organic compounds, 2-tert-butyl-4-hydroxyanisole and 3-tert-butyl-4-hydroxyanisole.
Targets(IC50)	Antioxidant, Ferroptosis, Reactive Oxygen Species

Solubility Information

Solubility	DMSO: 60 mg/mL (166.44 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5479 mL	27.7393 mL	55.4785 mL
5 mM	1.1096 mL	5.5479 mL	11.0957 mL
10 mM	0.5548 mL	2.7739 mL	5.5479 mL
50 mM	0.111 mL	0.5548 mL	1.1096 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.

Reference

Lam LK, et al. J Med Chem. 1979 May; 22(5):569-71.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481