

Product Information

HTHQ, Purity $\geq 98\%$

Cat. No.: X24-09-YM1403

Size: 10 mg; 25 mg; 50 mg; 100 mg

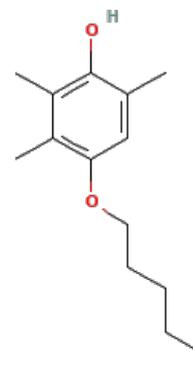
MDL: MFCD00927896

CAS Number: 148081-72-5

Compound CID: 119193

Synonym: 148081-72-5; 1-O-Hexyl-2,3,5-trimethylhydroquinone;
4-(Hexyloxy)-2,3,6-trimethylphenol; 4-Hexoxy-2,3,6-trimethylphenol

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	HTHQ, soluble in DMSO, is a hydroquinone monoalkyl ether. The molecular weight of the compound is 236.35, and its molecular formula is C ₁₅ H ₂₄ O ₂ .
Molecular Weight	236.35
Molecular Formula	C ₁₅ H ₂₄ O ₂
IUPAC Name	4-Hexoxy-2,3,6-trimethylphenol
InChI	InChI=1S/C15H24O2/c1-5-6-7-8-9-17-14-10-11(2)15(16)13(4)12(14)3/h10,16H,5-9H2,1-4H3
InChI Key	ATMNQRRJNBCQJO-UHFFFAOYSA-N
Canonical SMILES	CCCCCCOC1=C(C(=C(C(=C1)C)O)C)C
Form	Lyophilized powder
Purity	$\geq 98\%$
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Solubility	<i>In vitro</i> : DMSO: 42 mg/mL (177.7 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	HTHQ can be studied extensively for its potential therapeutic applications in the treatment of depression and anxiety disorders.
Storage	Store at -20°C, and keep desiccated.