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CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2023

Re-test Date: Jul 2025

Product Name: Idebenone impurity 1

Identification:

Chemical Name: 2-(10-Hydroxydecyl)-5,6-dimethoxy-3-methylphenol

Synonyms : NA

CAS Number : 77712-29-9

CAT Number : CP-136001

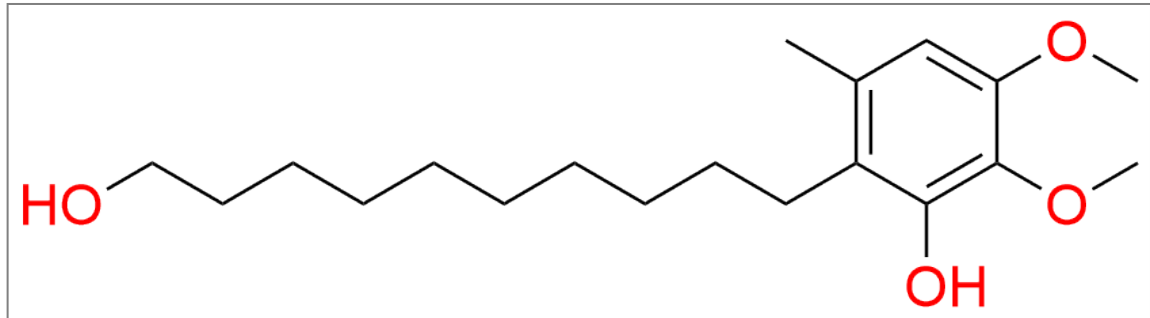
Molecular Formula : C₁₉H₃₂O₄

Molecular Weight : 324.46

Batch Number : CP-IDE-PHE-0823

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale Yellow Oily Liquid
2)	Solubility	Soluble in DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.78%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.