



CERTIFICATE OF ANALYSIS

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1. Identification

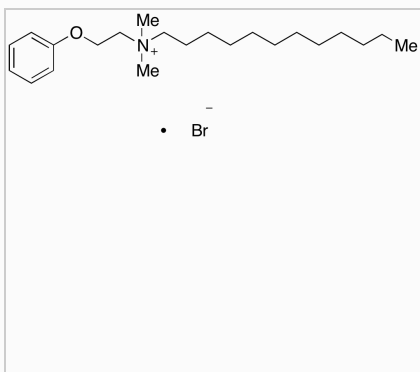
Catalogue Number: D531105

CAS Number: 538-71-6

Product: Domiphen Bromide

Synonym: N,N-Dimethyl-N-(2-phenoxyethyl)-1-dodecanaminium Bromide (1:1); Dodecyldimethyl(2-phenoxyethyl)ammonium Bromide; (β-Phenoxyethyl)dimethyldodecylammonium Bromide; Bradonit; Bradoral; Bradosol; Bradosol Bromide; Domiphen Bromide; Fungitex; Fungitex R; Modicare; N-Dodecyl-N-(2-phenoxyethyl)dimethylammonium Bromide; NSC 39415; Neo-Bradoral; Oradol; PDDb; Phenododecinium Bromide

Structure:



Molecular Formula:

C₂₂H₄₀BrNO

Molecular weight:

414.46

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly), Water (Slightly)

Lot Number: 1-SEH-124-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 63.89, %H: 9.55, %N: 3.36
MS	Conforms to Structure	Conforms
HPLC Purity	>95%	99.67% (220 nm)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Hanxiang Li	Toni Rantanen	My Nguyen	3/30/2021	3/28/2028
				