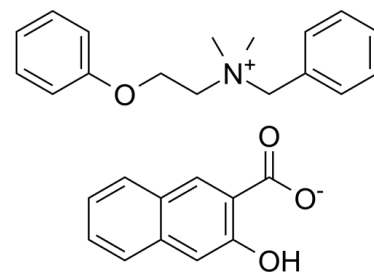


Data Sheet

Product Name:	Bephenium (hydroxynaphthoate)
Cat. No.:	CS-3886
CAS No.:	3818-50-6
Molecular Formula:	C ₂₈ H ₂₉ NO ₄
Molecular Weight:	443.53
Target:	Parasite
Pathway:	Anti-infection
Solubility:	DMSO : ≥ 44 mg/mL (99.20 mM)



BIOLOGICAL ACTIVITY:

Bephenium hydroxynaphthoate is an anthelmintic agent formerly used in the treatment of hookworm infections and ascariasis; B-type AChR activator.

References:

- [1]. JAYEWARDENE G, et al. Bephenium hydroxynaphthoate in treatment of ascariasis. Br Med J. 1960 Jul 23;2(5194):268-71.
- [2]. Charvet CL, et al. Selective effect of the anthelmintic bephenium on Haemonchus contortus levamisole-sensitive acetylcholine receptors. Invert Neurosci. 2012 Jun;12(1):43-51.

CAIndexNames:

Benzenemethanaminium, N,N-dimethyl-N-(2-phenoxyethyl)-, 3-hydroxy-2-naphthalenecarboxylate (1:1)

SMILES:

C[N+](CCOC1=CC=CC=C1)(C)CC2=CC=CC=C2.O=C(C3=C(O)C=C4C=CC=CC4=C3)[O-]

Caution: Product has not been fully validated for medical applications. For research use only.

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