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## DATASHEET

### Luisol A

## Product overview

Name	Luisol A
Cat No	HB3961
Purity	>98%
Description	Antiparasitic compound. Also shows cytotoxic activity.

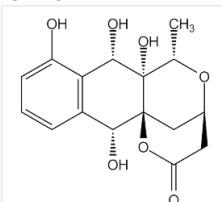
## Biological Data

Biological description	Shows weak cytotoxic activity against different tumor cell lines. Has antiparasitic activity.
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## Solubility & Handling

Storage instructions	+4°C
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

## Chemical Data

Chemical name	(4R,6S,6aR,7S,12R,12aS)-6a,7,8,12-Tetrahydroxy-6-methyl-3,4,6,6a,7,12-hexahydro-2H-4,12a-methano-naphthodioxocin-2-one
Molecular Weight	322.3
Chemical structure	 The chemical structure of Luisol A is a complex polycyclic compound. It features a naphthalene ring fused to a dihydronaphthalene ring. The dihydronaphthalene ring has a hydroxyl group (OH) at position 4, a methyl group (CH <sub>3</sub> ) at position 6, and a hydroxyl group (OH) at position 12. The naphthalene ring has a hydroxyl group (OH) at position 6a. There are also two chiral centers with hydroxyl groups (OH) and a carbonyl group (C=O) attached to the dihydronaphthalene ring.
CAS Number	225110-59-8
InChiKey	YAYLZJMYAWCSFK-MAHXAKIKSA-N
Appearance	Brown solid