

Tolnaftate

Catalog No: tcsc2427



Available Sizes

Size: 1g

Size: 5g



Specifications

CAS No:

2398-96-1

Formula:

$C_{19}H_{17}NOS$

Pathway:

Anti-infection

Target:

Fungal

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

NP-27

Observed Molecular Weight:

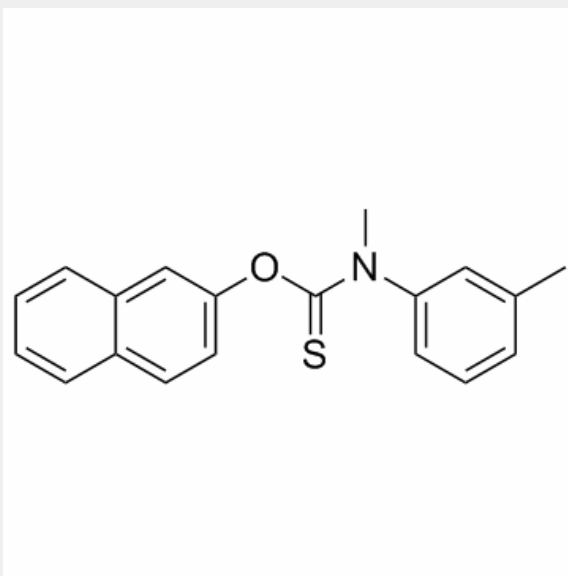
307.41

Product Description

Tolnaftate is a synthetic thiocarbamate used as an anti-fungal agent.

Target: Antifungal

Tolnaftate blocked sterol biosynthesis in fungal cells and cell extracts, with accumulation of squalene. This point of action was confirmed by the direct inhibition of microsomal squalene epoxidase from *Candida albicans* [1]. Tolnaftate inhibited sterol biosynthesis, At 100 microM, tolnaftate caused up to a 30% release of intracellular [¹⁴C]aminoisobutyric acid [2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!