Compound Summary for CID 11499245

Tavaborole

Cite this Record

STRUCTURE VENDORS DRUG INFO PHARMACOLOGY LITERATURE PATENTS BIOACTIVITIES

PubChem CID:	11499245
Chemical Names:	Tavaborole; 174671-46-6; AN-2690; 5-FLUOROBENZO[C][1,2]OXABOROL-1(3H)-OL; Kerydin; AN 2690 More...
Molecular Formula:	$C_7H_6BFO_2$
Molecular Weight:	151.931 g/mol
InChI Key:	LFQDNHWZDQTITF-UHFFFAOYSA-N
Drug Information:	Drug Indication Therapeutic Uses Clinical Trials FDA Orange Book FDA UNII
Safety Summary:	Laboratory Chemical Safety Summary (LCSS)

Tavaborole is an Oxaborole Antifungal. The mechanism of action of tavaborole is as a Protein Synthesis Inhibitor. The chemical classification of tavaborole is Boron Compounds.

FDA Pharmacology Summary from FDA Pharm Classes

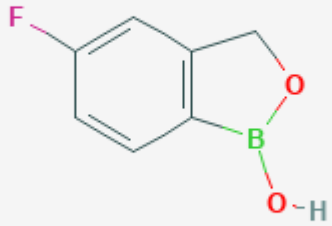
5-Fluoro-1 3-Dihydro-1-Hydroxy-2 1-Benzoxaborole is a boron-containing small molecule antifungal agent with broad-spectrum activity against filamentous fungi, including both mold and yeast. 5-Fluoro-1,3-dihydro-1-hydroxy-2,1-benzoxaborole inhibits fungal cytoplasmic leucyl-tRNA synthetase by preventing catalytic turnover, thus inhibiting synthesis of leucyl-tRNA(Leu) and consequentially blocking protein synthesis.

Pharmacology from NCIt

Contents

1 2D Structure

Search Download Get Image



Magnify

from PubChem

2 3D Status

Conformer generation is disallowed since MMFF94s unsupported element

from PubChem

DOCKET ALARM

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts

Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research

With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips

Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS
Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS
Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS
Sync your system to PACER to automate legal marketing.