



Product Information

Antifection inhibitor AN-2690, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ004

Size: 10 mg; 50 mg; 100 mg; 200 mg

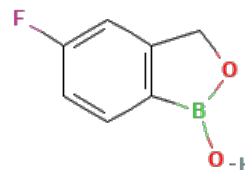
MDL: MFCD10699483

CAS Number: 174671-46-6

Compound CID: 11499245

Synonym: 174671-46-6; Antifection inhibitor; Tavaborole; AN2690; AN 2690

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	AN-2690, soluble in DMSO and ethanol and insoluble in water, has strong immunosuppressant properties.
Molecular Weight	151.93
Molecular Formula	C ₇ H ₆ BFO ₂
IUPAC Name	5-Fluoro-1-hydroxy-3H-2,1-benzoxaborole
InChI	InChI=1S/C7H6BFO2/c9-6-1-2-7-5(3-6)4-11-8(7)10/h1-3,10H,4H2
InChI Key	LFQDNHWZDQTITF-UHFFFAOYSA-N
Canonical SMILES	B1(C2=C(CO1)C=C(C=C2)F)O
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 29 mg/mL (190.87 mM); Water: Insoluble; Ethanol: 29 mg/mL (190.87 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	AN-2690 is explored for its antifungal properties, particularly in treating onychomycosis (fungal nail infections).
Storage	Store at -20°C, and keep desiccated.