

Product Name	: SCYX-7158
Synonyms	: AN-5568; SCYX 7158; AN 5568; Acoziborole
Cat No.	: M11117
CAS Number	: 1266084-51-8
Molecular Formula	: C ₁₇ H ₁₄ BF ₄ NO ₃
Formula Weight	: 367.10
Chemical Name	: 4-fluoro-N-(1-hydroxy-3,3-dimethyl-1,3-dihydrobenzo[c][1,2]oxaborol-6-yl)-2-(trifluoromethyl)benzamide
Description	: SCYX-7158 (AN-5568, Acoziborole) is an orally-active, CNS permeable benzoxaborole antiprotozoal agent; is active in vitro against relevant strains of Trypanosoma brucei, including T. b. rhodesiense and T. b. gambiense; is efficacious in both stage 1 and stage 2 murine HAT models and has good physicochemical and ADMET properties for the treatment of stage 2 human African trypanosomiasis. Parasite Infection Phase 3 Clinical
Pathway	: Microbiology/Virology
Target	: Parasite
Receptor	: Parasite
Solubility	: DMSO : ≥ 125 mg/mL 340.51 mM
SMILES	: <chem>FC1=CC(C(F)(F)F)=C(C(NC2=CC=C(C(C)(C)OB3O)C3=C2)=O)C=C1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Jacobs RT, et al. PLoS Negl Trop Dis. 2011 Jun;5(6):e1151. | 2. Jacobs RT, et al. Future Med Chem. 2011 Aug;3(10):1259-78. | 3. Wring S, et al. Parasitology. 2014 Jan;141(1):104-18.

