



Product Information

SX-682

Cat. No.: X23-12-YM1458

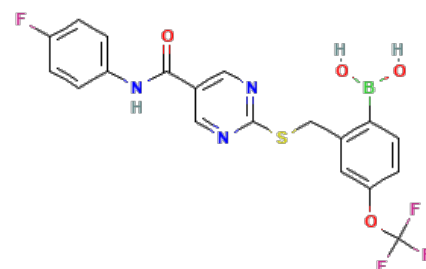
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 1648843-04-2

Compound CID: 90467234

Synonym: 1648843-04-2;

2-(2-Dihydroxyboryl-5-trifluoromethoxybenzylsulfanyl)pyrimidine-5-carboxylic acid
(4-fluorophenyl)amide



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

Product Information

Description	SX-682 inhibits autophagy, through multiple signaling pathways.
Molecular Weight	467.2
Molecular Formula	C ₁₉ H ₁₄ BF ₄ N ₃ O ₄ S
IUPAC Name	[2-[[[5-[(4-Fluorophenyl)carbonyl]pyrimidin-2-yl]sulfanylmethyl]-4-(trifluoromethoxy)phenyl]boronic acid
InChI	InChI=1S/C19H14BF4N3O4S/c21-13-1-3-14(4-2-13)27-17(28)12-8-25-18(26-9-12)32-10-11-7-15(31-19(22,23)24)5-6-16(11)20(29)30/h1-9,29-30H,10H2,(H,27,28)
InChI Key	SDUDZBCEHIZMFZ-UHFFFAOYSA-N
Canonical SMILES	B(C1=C(C=C(C=C1)OC(F)(F)F)CSC2=NC=C(C(=N2)C(=O)NC3=CC=C(C=C3)F)(O)O
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	SX-682 can be used for research on inflammation and cancer progression.
Storage	Store at -20°C, and keep desiccated.