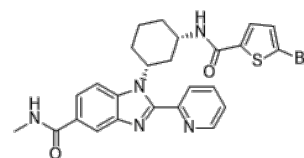


Product Name : BCAT2-IN-1
Cat. No. : PC-26618
CAS No. : 1875078-61-7
Molecular Formula : C₂₅H₂₄BrN₅O₂S
Molecular Weight : 538.46
Target : Other Targets
Solubility : 10 mM in DMSO



CAS: 1875078-61-7

Biological Activity

BCAT2-IN-1 is a potent, selective, in-vivo efficacious BCATm (BCAT2) inhibitor with pIC₅₀ of 7.3, 100-fold selective for BCATm over BCATc.

BCAT2-IN-1 binds to the active site of BACTm in a unique mode via multiple H-bond and van der Waals interactions. BCAT2-IN-1 effectively raised the levels of BCAAs in an acute animal model over an extended duration.

References

Hongfeng Deng, et al. ACS Med Chem Lett. 2016 Feb 8;7(4):379-84.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com