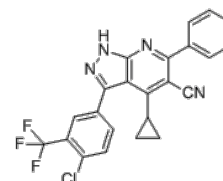


Product Name : BMT-145027
Cat. No. : PC-61069
CAS No. : 2018282-44-3
Molecular Formula : C₂₃H₁₄ClF₃N₄
Molecular Weight : 438.838
Target : mGluR
Solubility : 10 mM in DMSO



Biological Activity

BMT-145027 is a potent, selective, non-MPEP site **mGluR5** positive allosteric modulator with EC₅₀ of 47 nM, without inherent mGluR5 agonist activity (EC₅₀>16 μM).

BMT-145027 does not engage the receptor at the MPEP and CPPHA allosteric sites.

BMT-145027 improves cognition in a preclinical rodent model of learning and memory.

References

Hill MD, et al. *ACS Med Chem Lett.* 2016 Oct 3;7(12):1082-1086.

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

E-mail: tech@probechem.com