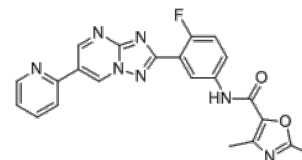


Product Name : GNF6702
Cat. No. : PC-60315
CAS No. : 1799329-72-8
Molecular Formula : C₂₂H₁₆FN₇O₃
Molecular Weight : 429.406
Target : Parasite
Solubility : 10 mM in DMSO



Biological Activity

GNF6702 (GNF 6702) is a selective, non-competitive inhibitor of the **kinetoplastid proteasome**, inhibits the chymotrypsin-like activity of the *T. cruzi* proteasome with IC₅₀ of 35 nM.

GNF6702 displays no inhibitory effect on caspase-like and the trypsin-like activities (>10 uM).

GNF6702 does not inhibit the mammalian proteasome or growth of mammalian cells, and is well-tolerated in mice.

GNF6702 clears parasites in mouse models of kinetoplastid infections.

References

Khare S, et al. **Nature**. 2016 Sep 8;537(7619):229-233.

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

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