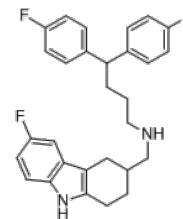


Product Name : MSC 1094308
Cat. No. : PC-62542
CAS No. : 2219320-08-6
Molecular Formula : C₂₉H₂₉F₃N₂
Molecular Weight : 462.56
Target : p97/VCP
Solubility : 10 mM in DMSO



Biological Activity

MSC1094308 (MSC 1094308) is a reversible, allosteric inhibitor of the type II AAA ATPase human ubiquitin-directed unfoldase (VCP)/**p97** and the type I AAA ATPase **VPS4B** with IC₅₀ of 7.2 and 0.71 μM, respectively. MSC1094308 binds to drugable hotspot of p97, thereby inhibiting the D2 ATPase activity. MSC1094308 is active in cells, and specifically inhibits p97 but not the proteasome.

References

Pöhler R, et al. *Angew Chem Int Ed Engl.* 2018 Feb 5;57(6):1576-1580.

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

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