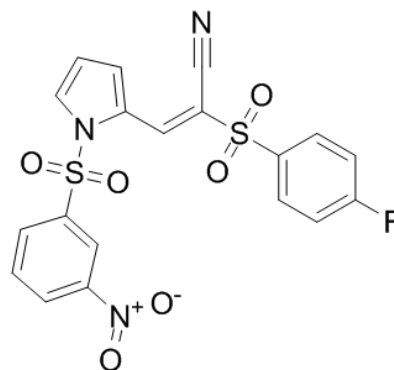


Product Name : AMZ30
Cat. No. : PC-43242
CAS No. : 1313613-09-0
Molecular Formula : C₁₉H₁₂FN₃O₆S₂
Molecular Weight : 461.4435
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

AMZ30 is a potent, selective, covalent inhibitor of the serine hydrolase protein phosphatase methylesterase-1 (**PME-1**) with IC₅₀ of 0.6 μM, >100-fold selectivity over other SHs.

AMZ30 selectively inactivates PME-1 and reduces the demethylated form of PP2A in living cells (IC₅₀=3.5 μM in HEK 293T cells).

AMZ30 is a valuable pharmacological probe to study the role of methylation in regulating PP2A function.

References

Bachovchin DA, et al. *J Med Chem.* 2011 Jul 28;54(14):5229-36.

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

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