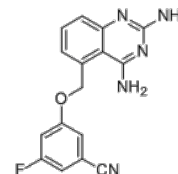


Product Name : PF-DcpSi
Cat. No. : PC-60223
CAS No. : 2092917-19-4
Molecular Formula : C₁₆H₁₂FN₅O
Molecular Weight : 309.304
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

PF-DcpSi is a potent inhibitor of the mRNA decapping scavenger enzyme (**DcpS**) with IC₅₀ of 0.11 nM.

PF-DcpSi shows no significant activity for DHFR (IC₅₀>30 uM).

PF-DcpSi has in vivo mouse CNS PK profile, shows activity in SMA mouse model by prolonging survival and improving function thereby ruling out lysosomotropism.

References

Gopalsamy A, et al. *J Med Chem*. 2017 Apr 13;60(7):3094-3108.

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

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