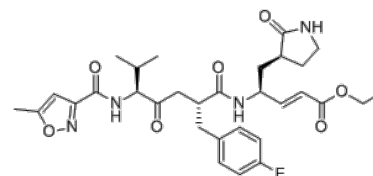


Product Name : Rupintrivir
Cat. No. : PC-63345
CAS No. : 223537-30-2
Molecular Formula : C₃₁H₃₉FN₄O₇
Molecular Weight : 598.672
Target : Rhinovirus
Solubility : 10 mM in DMSO



Biological Activity

Rupintrivir (AG-7088, AG7088) is a potent, irreversible inhibitor of human **rhinovirus 3C protease**, inhibits the replication of all HRV serotypes with EC₅₀ of 23 nM and EC₉₀ of 82 nM.

Rupintrivir (AG-7088) potently and irreversibly inhibits HRV 3C protease with an inactivation rate constant ($k_{obs}/[I]$) of $1,470,000 \pm 440,000 \text{ M}^{-1} \text{ s}^{-1}$ for HRV 14.

Rupintrivir (AG-7088) also potently inhibits related picornaviruses including coxsackieviruses A21 and B3, enterovirus 70, and echovirus 11.

References

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Zalman LS, et al. *Antimicrob Agents Chemother.* 2000 May;44(5):1236-41.

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

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