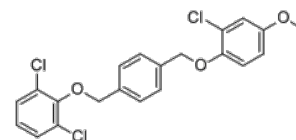


Product Name : Pocapavir
Cat. No. : PC-20018
CAS No. : 146949-21-5
Molecular Formula : C₂₁H₁₇Cl₃O₃
Molecular Weight : 423.71
Target : Enterovirus
Solubility : 10 mM in DMSO



Biological Activity

Pocapavir (V-073, SCH48973) is a potent, selective, **antienterovirus** inhibitor with IC₅₀ of 0.02 to 0.11 ug/mL, specifically interacts with **viral capsid**.

Pocapavir (V-073, SCH48973) shows high affinity for binding to poliovirus capsid with K_i of 0.9 nM.

Pocapavir (V-073, SCH48973) demonstrated efficacy in a murine poliovirus model of enterovirus disease.

Pocapavir (V-073, SCH48973) increased the survival of infected mice when it was administered orally at dosages of 3 to 20 mg/kg of body weight/day.

Oral administration of Pocapavir (V-073, SCH48973) also reduced viral titers in the brains of infected mice.

References

Buontempo PJ, et al. *Antimicrob Agents Chemother.* 1997 Jun;41(6):1220-5.

Lentz KN, et al. *Structure.* 1997 Jul 15;5(7):961-78.

Liu HM, et al. *Antimicrob Agents Chemother.* 2012 Nov;56(11):5568-74.

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

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