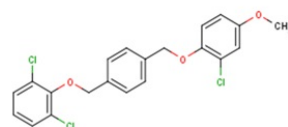


Product Name	: pocapavir
Synonyms	: SCH-48973; SCH48973; SCH 48973; V074
Cat No.	: M17315
CAS Number	: 146949-21-5
Molecular Formula	: C ₂₁ H ₁₇ Cl ₃ O ₃
Formula Weight	: 423.72
Chemical Name	: 1,3-dichloro-2-((4-((2-chloro-4-methoxyphenoxy)methyl)benzyl)oxy)benzene
Description	Pocapavir, also known as SCH-48973 and V-073, is a potent, selective, antienterovirus agent. SCH-48973 had antiviral activity (50% inhibitory concentrations [IC₅₀s]) of 0.02 to 0.11 microg/ml, with no detectable cytotoxicity at 50 microg/ml. SCH-48973 inhibited 80% of 154 recent human enterovirus isolates at an IC₅₀ of 0.9 microg/ml. The affinity constant (K_i) for SCH-48973 binding to poliovirus was 8.85 x 10⁻⁸ M. SCH-48973 demonstrated efficacy in a murine poliovirus model of enterovirus disease. SCH-48973 represents a potential candidate for therapeutic intervention against enterovirus infections.
Pathway	: Autophagy
Target	: Autophagy
Receptor	: Antiviral
Solubility	: DMSO : 100 mg/mL. 236.00 mM; H ₂ O : < 0.1 mg/mL
SMILES	: COc1ccc(OCc2ccc(COc3c(Cl)cccc3Cl)cc2)c(Cl)c1
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Collett MS, et al. Antiviral Activity of Pocapavir in a Randomized, Blinded, Placebo-Controlled Human Oral Poliovirus Vaccine Challenge Model. J Infect Dis. 2017 Feb 1;215(3):335-343.