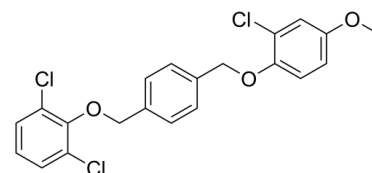


## Data Sheet

<b>Product Name:</b>	Pocapavir
<b>Cat. No.:</b>	CS-7839
<b>CAS No.:</b>	146949-21-5
<b>Molecular Formula:</b>	C <sub>21</sub> H <sub>17</sub> Cl <sub>3</sub> O <sub>3</sub>
<b>Molecular Weight:</b>	423.72
<b>Target:</b>	Enterovirus
<b>Pathway:</b>	Anti-infection
<b>Solubility:</b>	DMSO : 100 mg/mL (ultrasonic)



### BIOLOGICAL ACTIVITY:

Pocapavir (SCH-48973) is an orally active capsid inhibitor. Pocapavir prevents virion uncoating upon entry into the cell. Pocapavir has antiviral activity against polioviruses. Pocapavir also inhibits **enterovirus** infections<sup>[1]</sup>. *In Vitro*: Pocapavir belongs to a picornavirus antiviral mechanistic class called capsid inhibitors that block virus uncoating and viral RNA release into cells, which in turn prevents virus replication<sup>[2]</sup>.

### References:

[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.

### CAIndexNames:

Benzene, 1-[(2-chloro-4-methoxyphenoxy)methyl]-4-[(2,6-dichlorophenoxy)methyl]-

### SMILES:

C1C=C(C(OC2=CC=C(C(OC3=CC=C(C(OC)C=C3Cl)C=C2)C(Cl)=CC=C1

**Caution: Product has not been fully validated for medical applications. For research use only.**

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