

Product Information

ACLY inhibitor, SB 204990, Purity ≥98%

Cat. No.: X24-09-YM561

Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 154566-12-8

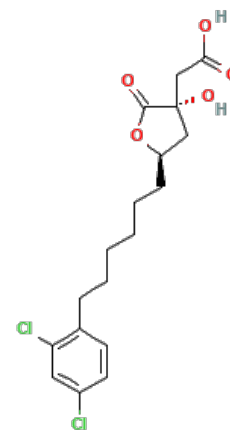
Compound CID: 10340264

Synonym: 154566-12-8; SB204990; SB-204990;

2-[(3*S*,5*R*)-5-[6-(2,4-Dichlorophenyl)hexyl]-3-hydroxy-2-oxoxolan-3-yl]acetic acid;

ACLY inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	SB 204990 is an effective metabolism inhibitor, that has the ability to prevent the pathway of cell metabolism by inhibiting ACLY. The molecular weight of the compound is 389.27, and its molecular formula is C ₁₈ H ₂₂ Cl ₂ O ₅ .
Molecular Weight	389.27
Molecular Formula	C ₁₈ H ₂₂ Cl ₂ O ₅
IUPAC Name	2-[(3 <i>S</i> ,5 <i>R</i>)-5-[6-(2,4-Dichlorophenyl)hexyl]-3-hydroxy-2-oxoxolan-3-yl]acetic acid
InChI	InChI=1S/C18H22Cl2O5/c19-13-8-7-12(15(20)9-13)5-3-1-2-4-6-14-10-18(24,11-16(21)22)17(23)25-14/h7-9,14,24H,1-6,10-11H2,(H,21,22)/t14-,18+/m1/s1
InChI Key	YTRNLFYTHYWDAU-KDOFPFPSSA-N
Canonical SMILES	C1C(OC(=O)C1(CC(=O)O)O)CCCCC2=C(C=C(C=C2)Cl)Cl
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	SB 204990 can be used for its anti-cancer properties, particularly in tumors that exhibit high levels of lipogenesis, as well as in metabolic disorders.
Storage	Store at -20°C, and keep desiccated.