Product Datasheet

CL2A-SN38 (Govitecan) (orb3033072)

Catalog Number	orb3033072
Category	Small Molecules
Description	CL2A-SN38 is a SN38 derivative with a peptide-linker which can easily react with antibody to form an antibody-drug conjugate (ADC). CL2A-SN-38 is composed of a potent a DNA Topoisomerase I inhibitor SN-38 and a linker CL2A to make antibody drug conjugate (ADC). CL2A-SN-38 provides significant and specific antitumor effects against a range of human solid tumor types. CL2A is a noncleavable complicated PEG8- and triazole-containing PABC-peptide-mc linker. CL2A is cleavable through pH sensitivity, giving rise to bystander effect, and binds the antibody at a cysteine residue via a disulfide bond. .
Purity	0.98
MW	1738.496
CAS Number	1279680-68-0
Formula	$C_{77}H_{101}CL_4N_{11}O_{26}$
SMILES	ClC([H])(C(=O)O[H])Cl.ClC([H])(C(=O)O[H])Cl.O=C(C1([H])C([H])([H])C([H])([H])C([H])(C([H])([H])N2C(C([H])=C([H])C2=O)=O)C([H])([H])C1([H])[H])N([H])C([H])([H])C1=C([H])N(C([H])([H])C([H])([H])OC([H])([H])C([H])([H])OC([H])([H])C([H])([H])OC([H])([H])C([H])([H])OC([H])([H])C([H])([H])OC([H])([H])C([H])([H])OC([H])([H])C([H])([H])OC([H])([H])C([H])([H])OC([H])([H])C([H])([H])OC([H])([H])C([H])([H])N([H])C(C([H])([H])OC([H])([H])C(N([H])[C@](H])(C(N([H])C2C([H])=C([H])C(=C([H])C=2[H])C([H])([H])OC(=O)O[C@@]2(C(=O)OC([H])([H])C3C(N4C([H])([H])C5=C(C([H])([H])C([H])([H])[H])C6C([H])=C(C([H])=C([H])C=6N=C5C4=C([H])C2=3)O[H])=O)C([H])([H])C([H])([H])[H])=O)C([H])([H])C([H])([H])C([H])([H])C([H])([H])C([H])([H])N([H])[H])=O)=O)N=N1
Note	For research use only
Expiration Date	12 months from date of receipt.

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