

Product Information

3-(1-((2*R*, 4*S*, 5*R*)-4-Hydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl)-2, 4-dioxo-1, 2, 3, 4-tetrahydropyrimidin-5-yl)-*N*-(6-(2, 2, 2-trifluoroacetamido)hexyl)acrylamide

Cat. No.: X24-03-LY041

Size: 1 g; 5 g; 10 g; 25 g

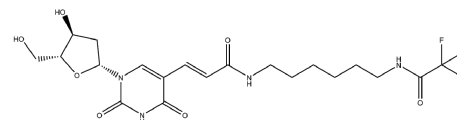
MDL: MFCD04973705

CAS Number: 252337-58-9

PubChem CID: 53737911

Synonym: 252337-58-9; 3-[1-[4-Hydroxy-5-(hydroxymethyl)oxolan-2-yl]-2, 4-dioxopyrimidin-5-yl]-*N*-[6-[(2, 2, 2-trifluoroacetyl)amino]hexyl]prop-2-enamide

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



Product Information

Description	3-(1-((2 <i>R</i> , 4 <i>S</i> , 5 <i>R</i>)-4-Hydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl)-2, 4-dioxo-1, 2, 3, 4-tetrahydropyrimidin-5-yl)- <i>N</i> -(6-(2, 2, 2-trifluoroacetamido)hexyl)acrylamide is a compound with antiviral activity and its structure contains several functional groups such as tetrahydropyrimidine, furan and acrylamide.
Molecular Weight	492.45
Molecular Formula	C ₂₀ H ₂₇ F ₃ N ₄ O ₇
IUPAC Name	3-[1-[4-Hydroxy-5-(hydroxymethyl)oxolan-2-yl]-2, 4-dioxopyrimidin-5-yl] <i>N</i> [6-[(2, 2, 2-trifluoroacetyl)amino]hexyl]prop-2-enamide
InChI	InChI=1S/C20H27F3N4O7/c21-20(22, 23)18(32)25-8-4-2-1-3-7-24-15(30)6-5-12-10-27(19(33)26-17(12)31)16-9-13(29)14(11-28)34-16/h5-6, 10, 13-14, 16, 28-29H, 1-4, 7-9, 11H2, (H, 24, 30)(H, 25, 32)(H, 26, 31, 33)
InChI Key	CSMRZKBUOFUSRQ-UHFFFAOYSA-N
Canonical SMILES	C1C(C(OC1N2C=C(C(=O)NC2=O)C=CC(=O)NCCCCCNC(=O)C(F)(F)F)CO)O
Form	White to off-white solid
Purity	≥98%
Applications	3-(1-((<i>R</i> , 4 <i>S</i> , 5 <i>R</i>)-4-Hydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl)-2, 4-dioxo-1, 2, 3, 4-tetrahydropyrimidin-5-yl)- <i>N</i> -(6-(2, 2, 2-trifluoroacetamido)hexyl)acrylamide informs the discovery and design of novel antiviral drugs.
Storage	Store at -20°C.



Safety Information

Personal Protective Equipment Gloves, eyeshields, N95 mask
