



Product Information

Antimetabolite inhibitor, LY2334737, Purity ≥98%

Cat. No.: X24-09-YM483

Size: 5 mg; 10 mg; 20 mg; 50 mg

CAS Number: 892128-60-8

Compound CID: 11646777

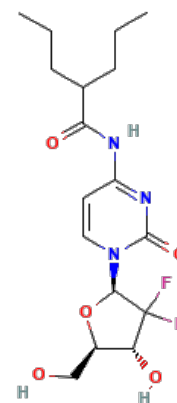
Synonym: 892128-60-8; LY 2334737; LY-2334737; Gemcitabine prodrug; *N*

-[1-[(2*R*,4*R*,5*R*

)-3,3-Difluoro-4-hydroxy-5-(hydroxymethyl)oxolan-2-yl]-2-oxopyrimidin-4-yl]-2-propylp

entanamide; Antimetabolite inhibitor

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



Product Information

Description	LY2334737 is an effective metabolism inhibitor, that has the ability to prevent the pathway of cell metabolism by inhibiting antimetabolite. The molecular weight of the compound is 389.39, and its molecular formula is C ₁₇ H ₂₅ F ₂ N ₃ O ₅ .
Molecular Weight	389.39
Molecular Formula	C ₁₇ H ₂₅ F ₂ N ₃ O ₅
IUPAC Name	<i>N</i> -[1-[(2 <i>R</i> ,4 <i>R</i> ,5 <i>R</i>)-3,3-Difluoro-4-hydroxy-5-(hydroxymethyl)oxolan-2-yl]-2-oxopyrimidin-4-yl]-2-propylpentanamide
InChI	InChI=1S/C17H25F2N3O5/c1-3-5-10(6-4-2)14(25)20-12-7-8-22(16(26)21-12)15-17(18,19)13(24)11(9-23)27-15/h7-8,10-11,13,15,23-24H,3-6,9H2,1-2H3,(H,20,21,25,26)/t11-,13-,15-/m1/s1
InChI Key	MEOYFIHNRBNEPI-UXIGCNINSA-N
Canonical SMILES	CCCC(CCC)C(=O)NC1=NC(=O)N(C=C1)C2C(C(C(O2)CO)O)(F)F
Isomeric SMILES	CCN(CC)CC1=CC=C(C=C1)C(=O)N(CCC2=CC=CC=C2OC)[C@@H]3CCNC3
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	LY2334737 can be studied extensively for its potential therapeutic applications in the treatment of



pancreatic cancer.

Storage

Store at -20°C, and keep desiccated.
