



Product Information

PARP inhibitor, Tankyrase-IN-2, Purity $\geq 98\%$

Cat. No.: X24-08-YM007

Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 1588870-36-3

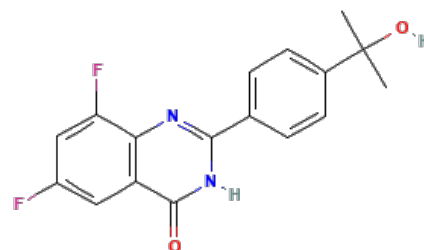
Compound CID: 136236981

Synonym: 1588870-36-3;

6,8-Difluoro-2-[4-(1-hydroxy-1-methylethyl)phenyl]-4(3*H*)-quinazolinone;

6,8-Difluoro-2-[4-(2-hydroxypropan-2-yl)phenyl]-3*H*-quinazolin-4-one

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



Product Information

Description	Tankyrase-IN-2 is an effective DNA damage inhibitor, that has the ability to prevent the pathway of epigenetics by inhibiting PARP.
Molecular Weight	316.3
Molecular Formula	C ₁₇ H ₁₄ F ₂ N ₂ O ₂
IUPAC Name	6,8-Difluoro-2-[4-(2-hydroxypropan-2-yl)phenyl]-3 <i>H</i> -quinazolin-4-one
InChI	InChI=1S/C17H14F2N2O2/c1-17(2,23)10-5-3-9(4-6-10)15-20-14-12(16(22)21-15)7-11(18)8-13(14)19/h3-8,23H,1-2H3,(H,20,21,22)
InChI Key	FHBYLOWAINBPRJ-UHFFFAOYSA-N
Canonical SMILES	CC(C)(C1=CC=C(C=C1)C2=NC3=C(C=C(C=C3F)F)C(=O)N2)O
Form	Lyophilized powder
Purity	$\geq 98\%$
Titer	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Tankyrase-IN-2 is an epigenetic inhibitor that can be studied extensively for its potential therapeutic applications in the treatment of cancers associated with dysregulated Wnt signaling and other pathological conditions linked to tankyrase activity.
Storage	Store at -20°C, and keep desiccated.