

Product Name	: RK-287107
Synonyms	: —
Cat No.	: M23984
CAS Number	: 2171386-10-8
Molecular Formula	: C ₂₂ H ₂₆ F ₂ N ₄ O ₂
Formula Weight	: 416.5
Chemical Name	: —
Description	: RK-287107 is an effective and specific inhibitor of tankyrase (IC ₅₀ s: 14.3 and 10.6 nM for tankyrase-1 and tankyrase-2, respectively).
Pathway	: Others
Target	: Other Targets
Receptor	: tankyrase 1; tankyrase 2
Solubility	: DMSO: 120 mg/mL (288.14 mM; Need ultrasonic)
SMILES	: <chem>OCCN(C1)C2CC(F)CC(F)C2C1(CC1)CCN1C(N1)=NC(CCCC2)=C2C1=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Mizutani A, et al. RK-287107, a potent and specific tankyrase inhibitor, blocks colorectal cancer cell growth in a preclinical model. Cancer Sci. 2018 Dec; 109(12):4003-4014.