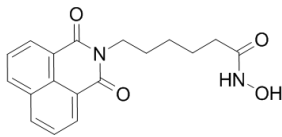


Product Name	: CGK-1026	
Synonyms	: CGK 1026;CGK1026	
Cat No.	: M13877	
CAS Number	: 287383-59-9	
Molecular Formula	: C ₁₈ H ₁₈ N ₂ O ₄	
Formula Weight	: 326.35	
Chemical Name	: N-Hydroxy-1,3-dioxo-1H-benz[de]isoquinoline-2(3H)-hexanamide	
Description	: A small molecule that inhibits human telomerase reverse transcriptase (hTERT) expression; inhibits the recruitment of HDAC into E2F-pocket protein complexes assembled on the hTERT promoter, inhibits HDAC activity with IC ₅₀ of 100 nM; induces G1 arrest of IMR90 cells.	
Pathway	: Cell Cycle/DNA Damage	
Target	: HDAC	
Receptor	: HDAC	
Solubility	: DMSO: 32.6 mg/mL (100 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)	
SMILES	: <chem>O=C(NO)CCCCN(C1=CC=CC2=CC=CC3=C12)C(=O)C3=O</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Won J, et al. Proc Natl Acad Sci U S A. 2004 Aug 3;101(31):11328-33.| 2. Alimirah F, et al. Mol Cancer Res. 2007 Mar;5(3):251-9.| 3. Song LL, et al. PLoS One. 2010 Jan 5;5(1):e8569.