MOLNOVA
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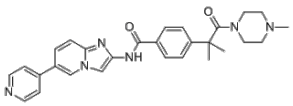
Datasheet (Version 1.0)

Product Name	:	CLK inhibitor T3
Synonyms	:	T3
Cat No.	:	M13352
CAS Number	:	2109805-56-1
Molecular Formula	:	C28H30N6O2
Formula Weight	:	482.59
Chemical Name	:	4-(2-methyl-1-(4-methylpiperazin-1-yl)-1-oxopropan-2-yl)-N-(6-(pyridin-4-yl)imidazo[1,2-a]pyridin-2-yl)benzamide
Description	:	CLK inhibitor T3 (T3) is a highly potent, selective, and cell-based stable CDC-like kinase (CLK) inhibitor with 0.67, 15 and 110nM for CLK1,2 and 3, respectively; displays 200-300-fold selectivity over other dual specificity kinases such as DYRK1A and DYRK1B; induces dose-dependent reduction in exon recognition and exhibits an overlapping, but greater effect on transcriptome splicing compared to KH-CB19.
Pathway	:	Cell Cycle/DNA Damage
Target	:	CLK
Receptor	:	CLK
Solubility	:	——
SMILES	:	O=C(NC1=CN2C=C(C3=CC=NC=C3)C=CC2=N1)C4=CC=C(C(C)(C)C(N5CCN(C)CC5)=O)C=C4
Storage	:	(-20℃)
Stability	:	≥ 2 years
Reference	:	



1. Funnell T, et al. Nat Commun. 2017 Feb 23;8(1):7.