

Product Name	: SM 324405
Synonyms	: —
Cat No.	: M21108
CAS Number	: 677773-91-0
Molecular Formula	: C ₁₉ H ₂₃ N ₅ O ₄
Formula Weight	: 385.42
Chemical Name	: Methyl 3-[(6-amino-2-butoxy-7,8-dihydro-8-oxo-9H-purin-9-yl)methyl]benzeneacetate
Description	: SM 324405 is an ?agonist of TLR7.
Pathway	: Immunology/Inflammation
Target	: TLR
Receptor	: TLR7
Solubility	: —
SMILES	: <chem>CCCCOc1nc(N)c2[nH]c(=O)n(Cc3cccc(CC(=O)OC)c3)c2n1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

I.Kurimoto A Hashimoto K Nakamura T.Synthesis and biological evaluation of 8-oxoadenine derivatives as toll-like receptor 7 agonists introducing the antedrug concept[J].J Med Chem. 2010 Apr 8 ;53(7):2964-72.