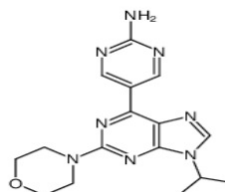


Product Name	: Desmethyl-VS-5584
Synonyms	: Desmethyl-VS-5584; Desmethyl-VS5584
Cat No.	: M17217
CAS Number	: 1246535-95-4
Molecular Formula	: C ₁₆ H ₂₀ N ₈ O
Formula Weight	: 340.39
Chemical Name	: 5-[9-(1-Methylethyl)-2-(4-morpholinyl)-9H-purin-6-yl]-2-pyrimidinamine
Description	: Desmethyl-VS-5584 is a demethyl analogue of VS-5584, which is a novel and highly selective PI3K/mTOR kinase inhibitor for the treatment of cancer.
Pathway	: Cell Cycle/DNA Damage
Target	: PARP
Receptor	: mTOR; PI3K
Solubility	: —
SMILES	: <chem>Nc1nc(c2c3ncn(C(C)C)c3nc(N3CCOCC3)n2)cn1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Shao Z, et al. VS-5584, a Novel PI3K-mTOR Dual Inhibitor, Inhibits Melanoma Cell Growth In Vitro and In Vivo. PLoS One. 2015 Jul 23;10(7).