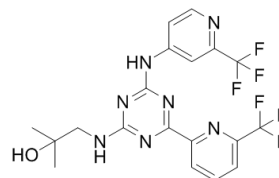


Product Name	: Enasidenib
Synonyms	: AG-221;CC-90007
Cat No.	: M11899
CAS Number	: 1446502-11-9
Molecular Formula	: C ₁₉ H ₁₇ F ₆ N ₇ O
Formula Weight	: 473.38
Chemical Name	: 2-Propanol, 2-methyl-1-[[[4-(trifluoromethyl)-2-pyridinyl]-6-[[[2-(trifluoromethyl)-4-pyridinyl]amino]-1,3,5-triazin-2-yl]amino]-
Description	: An orally available, selective, potent inhibitor of mutant IDH2 with IC50s of 100-400 nM for IDH2R140Q homodimer, IDH2R172K homodimer and IDH2WT/R140Q, IDH2WT/R172K; less potent for IDH2WT homodimer and IDH1WT homodimer; suppresses 2HG production and induces cellular differentiation in primary human IDH2 mutation-positive AML cells ex vivo and in xenograft mouse models. Blood Cancer Approved
Pathway	: Metabolic Enzyme/Protease
Target	: IDH
Receptor	: IDH2
Solubility	: 10 mM in DMSO
SMILES	: CC(C)(CNC1=NC(=NC(=N1)C2=NC(=CC=C2)C(F)(F)F)NC3=CC(=NC=C3)C(F)(F)F)O
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Yen K, et al. Cancer Discov. 2017 May;7(5):478-493. | 2. Kats LM, et al. Leukemia. 2017 Apr 11. doi: 10.1038/leu.2017.84. | 3. Shih AH, et al. Cancer Discov. 2017 May;7(5):494-505.