

Product Name	: BRD5648
Synonyms	: (R)-BRD0705
Cat No.	: M26074
CAS Number	: 2056261-42-6
Molecular Formula	: C ₂₀ H ₂₃ N ₃ O
Formula Weight	: 321.4
Chemical Name	: —
Description	: BRD5648 is an inactive (R)-enantiomer of BRD0705. BRD0705 is a GSK3 α inhibitor (IC ₅₀ : 66 nM; K _d : 4.8 μ M) and can be used in acute myeloid leukemia (AML) studies. (In Vitro): BRD5648 does not induce changes in enzyme phosphorylation or total β -catenin protein stabilization.
Pathway	: PI3K/Akt/mTOR signaling
Target	: GSK-3
Receptor	: —
Solubility	: —
SMILES	: <chem>CC[C@]1(C2=CN(C2=NC(=O)CC(C)(C)C2)c1ccccc1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	: