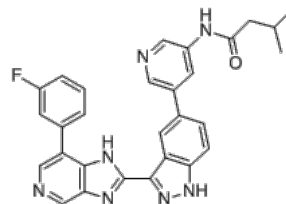


Product Name	: Adavivint
Synonyms	: SM-04690; SM 04690; SM04690
Cat No.	: M12002
CAS Number	: 1467093-03-3
Molecular Formula	: C ₂₉ H ₂₄ FN ₇ O
Formula Weight	: 505.56
Chemical Name	: N-(5-{3-[7-(3-fluorophenyl)-1H-imidazo[4,5-c]pyridin-2-yl]-1H-indazol-5-yl}pyridin-3-yl)-3-methylbutanamide
Description	: Adavivint (SM-04690, SM 04690, SM04690) is a novel small molecule Wnt pathway inhibitor with EC ₅₀ of 3 nM in vitro; induces hMSC differentiation into mature, functional chondrocytes and decreases cartilage catabolic marker levels; significantly improves Osteoarthritis Research Society International (OARSI) histology scores and biomarkers in a rodent OA model. Rheumatoid Arthritis Phase 2 Clinical
Pathway	: Wnt/Notch/Hedgehog
Target	: Wnt/beta/catenin
Receptor	: Wnt/beta/catenin
Solubility	: DMSO : 25 mg/mL 49.45 mM
SMILES	: <chem>CC(C)CC(=O)NC1=CN=CC(=C1)C2=CC3=C(C=C2)NN=C3C4=NC5=C(N4)C=NC=C5C6=CC(=CC=C6)F</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Yazici Y, et al. Osteoarthritis Cartilage. 2017 Jul 13. pii: S1063-4584(17)31085-3. | 2. Deshmukh V, et al. Osteoarthritis Cartilage. 2017 Sep 6. pii: S1063-4584(17)31167-6.