

Product Name	: TAK632
Synonyms	: TAK632, TAK 632, TAK-632
Cat No.	: M10890
CAS Number	: 1228591-30-7
Molecular Formula	: C ₂₇ H ₁₈ F ₄ N ₄ O ₃ S
Formula Weight	: 554.52
Chemical Name	: N-(7-cyano-6-(4-fluoro-3-(2-(3-(trifluoromethyl)phenyl)acetamido)phenoxy)benzo[d]thiazol-2-yl)cyclopropanecarboxamide
Description	: TAK-632 is a potent pan-Raf inhibitor with IC ₅₀ of 8.3 nM and 1.4 nM for B-Raf(wt) and C-Raf in cell-free assays, respectively, showing less or no inhibition against other tested kinases.
Pathway	: Cell Cycle/DNA Damage
Target	: Aurora Kinase
Receptor	: Aurora B; FGFR3; PDGFRβ; B-Raf; C-Raf
Solubility	: Ethanol: 2 mg/mL (3.6 mM); DMSO: 100 mg/mL (180.33 mM)
SMILES	: <chem>O=C(C1CC1)NC(S2)=NC3=C2C(C#N)=C(OC4=CC(NC(C5=CC=CC(C(F)(F)F)=C5)=O)=C(F)C=C4)C=C3</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Zhang Q, et al. EMBO Mol Med. 2012 Apr; 4(4): 298-312.