

Product Name	: FIDAS-3
Synonyms	: —
Cat No.	: M23438
CAS Number	: 1266684-01-8
Molecular Formula	: C ₁₆ H ₁₅ F ₂ N
Formula Weight	: 259.3
Chemical Name	: —
Description	FIDAS-3 effectively competes against S-adenosylmethionine (SAM) for MAT2A binding. FIDAS-3 has anticancer activities. FIDAS-3 is a stilbene derivative and is a potent Wnt inhibitor with an IC ₅₀ of 4.9 μM for methionine S-adenosyltransferase 2A (MAT2A).
Pathway	: Wnt/Notch/Hedgehog
Target	: Wnt/beta/catenin
Receptor	: MAT2A; MATA2; Wnt
Solubility	: DMSO: 90mg/ml (347.10mM; Need ultrasonic)
SMILES	: <chem>CN(C)C1=CC=C(/C=C/C2=C(F)C=CC=C2F)C=C1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Zhang W, et al. Fluorinated N,N-dialkylaminostilbenes repress colon cancer by targeting methionine S-adenosyltransferase 2A. ACS Chem Biol. 2013 Apr 19; 8(4):796-803.