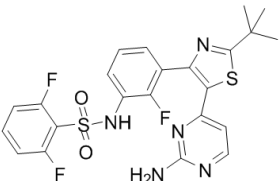


Product Name	: Dabrafenib	
Synonyms	: GSK2118436	
Cat No.	: M10687	
CAS Number	: 1195765-45-7	
Molecular Formula	: C ₂₃ H ₂₀ F ₃ N ₅ O ₂ S ₂	
Formula Weight	: 519.56	
Chemical Name	: —	
Description	Dabrafenib (GSK2118436) is a mutant BRAFV600 specific inhibitor with IC ₅₀ of 0.8 nM in cell-free assays, with 4- and 6-fold less potency against B-Raf(wt) and c-Raf, respectively.	
Pathway	: MAPK/ERK Signaling	
Target	: Raf	
Receptor	: B-Raf; B-Raf (V600E); C-Raf	
Solubility	: DMSO: 30 mg/mL (57.74 mM)	
SMILES	: <chem>CC(C)(C)C1=NC(=C(S1)C1=NC(N)=NC=C1)C1=C(F)C(NS(=O)(=O)C2=C(F)C=CC=C2F)=CC=C1</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1.Sylvie Laquerre, et al. 2009, EORTC International Conference. Abst B88.