

Product Name	: ALK2-IN-2
Synonyms	: —
Cat No.	: M32774
CAS Number	: 2254409-25-9
Molecular Formula	: C ₂₈ H ₂₇ N ₅ O ₂ S
Formula Weight	: 497.61
Chemical Name	: —
Description	: ALK2-IN-2 is a potent and selective inhibitor of activin receptor-like kinase 2 (ALK2) with an IC ₅₀ of 9 nM, and over 700-fold selectivity against ALK3.
Pathway	: Angiogenesis
Target	: ALK
Receptor	: ALK TGF-beta/Smad
Solubility	: In Vitro: ?DMSO : 125 mg/mL (251.20 mM; Ultrasonic)
SMILES	: <chem>CC(N1CCCC1)c1ccc(cc1)-c1cnc2c(cnn2c1)-c1ccc(c2ccccc12)S(N)(=O)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Jiang JK, et al. Discovery of 3-(4-sulfamoylnaphthyl)pyrazolo[1,5-a]pyrimidines as potent and selective ALK2 inhibitors. Bioorg Med Chem Lett. 2018 Nov 1;28(20):3356-3362.