

Product Name	: JI051
Synonyms	: —
Cat No.	: M32973
CAS Number	: 2234281-75-3
Molecular Formula	: C ₂₂ H ₂₄ N ₂ O ₃
Formula Weight	: 364.44
Chemical Name	: —
Description	: JI051 is a stabilizer for the Hes1-PHB2 interaction. JI051 interacts with a cancer-associated protein chaperone prohibitin 2 (PHB2), induces cell-cycle arrest by inhibiting the Notch downstream effector gene Hes1. Anti-cancer activity.
Pathway	: Neuroscience
Target	: Gamma-secretase
Receptor	: Gamma-secretase
Solubility	: In Vitro: ?DMSO : 125 mg/mL (342.99 mM; Ultrasonic)
SMILES	: <chem>CCOC1CCCC1CCNC(=O)\C=C1c[nH]c2c(OC)cccc12</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Perron A, et al. Small-molecule screening yields a compound that inhibits the cancer-associated transcription factor Hes 1 via the PHB2 chaperone. J Biol Chem. 2018 May 25;293(21):8285-8294.?