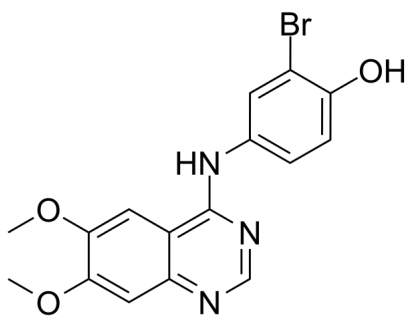


Data Sheet

Product Information

Catalog Number	BP10997
Product Name	WHI-P154
Description	WHI-P154 is a potent JAK3 inhibitor.
Targets&IC50	EGFR: 4 nM, VEGFR: 100 nM, JAK3: 1.8 μ M, Src: 100 nM
In vitro	Cells are seeded into a 96-well plate at a density of 2.5×10^4 cells/well and incubated for 36 h at 37 °C before drug exposure. On the day of treatment, culture medium is carefully aspirated from the wells and replaced with fresh medium containing the quinazoline compounds WHI-P154 at concentrations ranging from 0.1 μ M to 250 μ M. Triplicate wells are used for each treatment. The cells are incubated with the compound for 24hours to 36hours at 37 °C in a humidified 5% CO ₂ atmosphere. To each well, 10 μ L of MTT (final concentration, 0.5 mg/mL) is added, and the plate are incubated at 37 °C for 4 h. Than solubilized overnight at 37 °C in a solution containing 10% SDS in 0.01 M HCL. The absorbance of each well is measured in a microplate reader at 570 nm.(Only for Reference)
Synonyms	Jak3 inhibitor ii
CAS No.	211555-04-3
Chemical Formula	C ₁₆ H ₁₄ BrN ₃ O ₃
Molecular Weight	376.21
Solubility	DMSO: 37.6 mg/mL (100 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure
OR
Tested Image



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