
Catalog	Unit
TBI1027-5MG	5 mg
TBI1027-25MG	25 mg

Product Details

Formal Name: 3-(4-Dimethylaminobenzylidene)-1,3-dihydroindol-2-one

Molecular Formula: C₁₇H₁₆N₂O

Formula Weight: 264.33

CAS Number: 5812-07-7

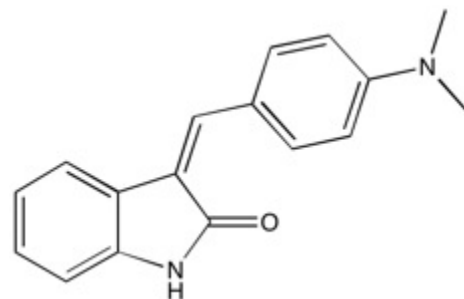
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml).

Storage: -20°C

Stability: ≥ 1 year.



Applications

VEGFR / PDGFR kinase inhibitor

Functions

Potent selective inhibitor of VEGFR kinase (also known as Flk-1 and KDR). Inhibition of the activated kinase (IC₅₀ = 0.4 μM) is 100-fold less than inhibition of the unactivated kinase (IC₅₀ = 0.04 μM). Also inhibits PDGFR kinase (IC₅₀ = 19.4 μM).

Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.