

GW-5074, c-Raf1 inhibitor

Catalog	Unit
TBI1031-5MG	5 mg
TBI1031-25MG	25 mg

Product Details

Formal Name: 3-(3,5-Dibromo-4-hydroxybenzylidene)-5-iodo-1,3-dihydroindol-2-one

Molecular Formula: C₁₅H₈Br₂INO₂

Formula Weight: 520.95

CAS Number: 220904-83-6

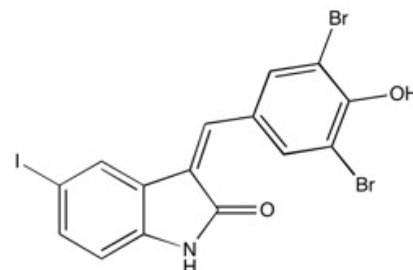
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 50 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

c-Raf1 inhibitor

Functions

Potent inhibitor of cRAF1 kinase (IC₅₀ = 9 nM). Displays 100-fold selectivity for cRAF1 over CDK1, CDK2, c-src, ERK2, MEK, p38, Tie2, VEGFR2 and c-fm. Displays neuroprotective effects In vivo via a mechanism that is independent of MEK, ERK, and Akt signaling. Cell permeable.

Application Procedures

First dissolved in DMSO (up to 50 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

For research use only.