

Catalog	Unit
TBI1026-5MG	5 mg
TBI1026-25MG	25 mg

Product Details

Formal Name: 2-[1-(3-Dimethylaminopropyl)indol-3-yl]-3-(indol-3-yl) maleimide

Alternate Names: Gö 6850; Bisindolylmaleimide I

Molecular Formula: C₂₅H₂₄N₄O₂

Formula Weight: 412.49

CAS Number: 133052-90-1

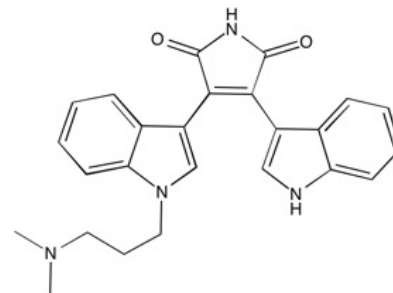
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 10 mg/ml).

Storage: RT

Stability: ≥ 2 years.



Applications

PKC inhibitor

Functions

Potent and selective protein kinase C inhibitor (IC₅₀ = 10 nM; cAMP-dependent protein kinase IC₅₀ = 2 μM and phosphorylase kinase IC₅₀ = 0.7 μM). Inactive against the tyrosine kinases EGFR, PGDFR and Insulin receptor. Potent inhibitor of GSK-3β in cell lysates (IC₅₀ = 360nM) and GSK-3β immunoprecipitates (IC₅₀ = 170nM) derived from rat epididymal adipocytes. Cell permeable.

Application Procedures

First dissolved in DMSO (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 6 months.

For research use only.