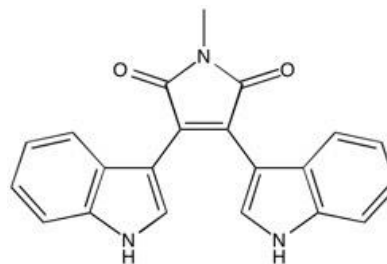


Catalog	Unit
TBI1603- 1MG	1 mg
TBI1603- 5MG	5 mg

Product Details

Formal Name: 1-Methyl-3,4-bis(indol-3-yl)maleimide
Molecular Formula: C₂₁H₁₅N₃O₂
Formula Weight: 341.36
CAS Number: 113963-68-1
Purity: 98%
Formulation: Powder
Solubility: Soluble in DMSO (35 mg/ml); ethanol (9 mg/ml)
Storage: -20°C
Stability: ≥ 2 years.



Applications

P70 S6Kinase inhibitor

Functions

Ro 31-6045 (113963-68-1) is a bis indolylmaleimide derivative that is a potent inhibitor of the mitogen-stimulated protein kinase p70 (S6K) acting independently of its upstream activator mTOR. Does not inhibit PKC (at concentrations <100 mM) and therefore may be used as a negative control for bisindolylmaleimide PKC inhibitors such as GF 109203X and other structurally related inhibitors.

Application Procedures

First dissolved in DMSO (35 mg/ml) or ethanol (9 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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