

RG-108, DNA methyltransferase inhibitor

Catalog	Unit
TBI2546-5MG	5 mg
TBI2546-25MG	25 mg

Product Details

Formal Name: (S)-2-(1,3-dioxoisindolin-2-yl)-3-(1H-indol-3-yl)propanoic acid

Alternate Names: N-Phthalyl-L-tryptophan

Molecular Formula: C₁₉H₁₄N₂O₄

Formula Weight: 334.34

CAS Number: 48208-26-0

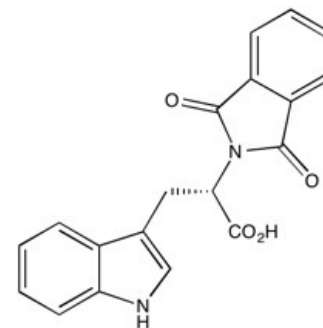
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 100 mg/ml) or in Ethanol (up to 100 mg/ml).

Storage: RT

Stability: ≥ 2 years.



Applications

DNA methyltransferase inhibitor

Functions

A non-nucleoside DNA methyltransferase inhibitor. IC₅₀=115 nM Inhibits DNA methylation in human tumor cell lines without toxicity. Enhances the reversion of neural progenitor cells to the pluripotent state.

Application Procedures

First dissolved in DMSO (up to 100 mg/ml) or in Ethanol (up to 100 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20° for up to 1 month.

For research use only.