

Catalog	Unit
TBI1392-5MG	5 mg
TBI1392-25MG	25 mg

Product Details

Formal Name: N-[(3S,5S)-1-(1,3-Benzodioxol-5-ylmethyl)-5-(1-piperazinylcarbonyl)-3-pyrrolidinyl]-N-[(3-methoxyphenyl)methyl]-3,3-dimethylbutanamide

Molecular Formula: C₃₁H₄₂N₄O₅

Formula Weight: 550.71

CAS Number: 334998-36-6

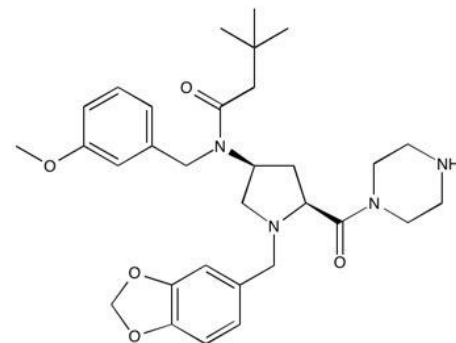
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 40 mg/ml) or in Ethanol (up to 20 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

Hedgehog pathway antagonist

Functions

Novel Hedgehog signaling pathway inhibitor (IC₅₀=100-200 nM). Selectively binds to Smo but not other GPCRs. Blocks the formation of and induces the regression of basaloid lesions in skin punches and shrinks UV-induced basaloid lesions in adult mouse skin. Cell permeable.

Application Procedures

First dissolved in DMSO (up to 40 mg/ml) or in Ethanol (up to 20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20° for up to 2 months.

For research use only.