
Catalog	Unit
TBI1442-5MG	5 mg
TBI1442-25MG	25 mg

Product Details

Formal Name: 2-[[3-(1,3-dioxo-1H-benz[de]isoquinolin-2(3H)-yl)propyl]thio]benzoic acid

Molecular Formula: C₂₂H₁₇NO₆S

Formula Weight: 391.44

CAS Number: 325850-81-5

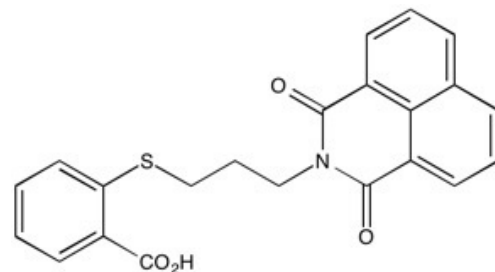
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 35 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

LPA2 antagonist

Functions

Selective agonist of the lysophosphatidic acid - 2 (LPA2) receptor. Displays antiapoptotic activity. Rescues apoptotically condemned cells from death and injury caused by high-dose γ -irradiation in vitro and in vivo. Rescues mice from deadly levels of radiation when given 24 hours post-exposure. Activates the ERK1/2 prosurvival pathway.

Application Procedures

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

For research use only.