

NQDI-1, ASK1 inhibitor

Catalog	Unit
TBI5144-5MG	5 mg
TBI5144-25MG	25 mg

Product Details

Formal Name: 2,7-dihydro-2,7-dioxo-3H-naphtho[1,2,3-de]quinoline-1-carboxylic acid, ethyl ester

Molecular Formula: C₁₉H₁₃NO₄

Formula Weight: 319.30

CAS Number: 175026-96-7

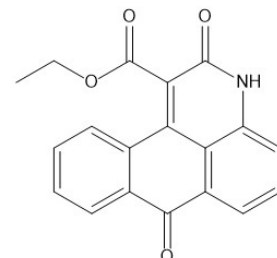
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (3 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

ASK1 inhibitor

Functions

Potent and selective inhibitor of apoptosis signal-regulating kinase 1 (ASK1), K_i = 500 nM. Promotes survival of induced pluripotent stem cells. Improves neurological function after intracerebral hemorrhage in a mouse model. A highly useful inhibitor for probing the involvement of ASK1 in cellular physiology.

Application Procedures

First dissolved in DMSO (3 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

For research use only.