

IQ-1S, JNK3 inhibitor

Catalog	Unit
TBI1513-5MG	5 mg
TBI1513-25MG	25 mg

Product Details

Formal Name: 11H-Indeno[1,2-b]quinoxaline-11-one oxime, sodium salt

Molecular Formula: C₁₅H₈N₃O · Na

Formula Weight: 269.23

CAS Number: 23146-22-7

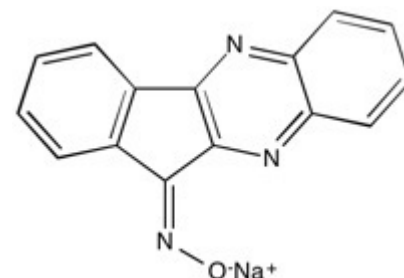
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 15 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

JNK3 inhibitor

Functions

JNK3 inhibitor (K_d = 87, 360 and 390 nM for JNK3, JNK2 and JNK1, respectively). Displays anti-inflammatory and immunosuppressive activity. Inhibits LPS-induced proinflammatory cytokine and nitric oxide release in vitro. Attenuates collagen-induced arthritis severity and inhibits murine delayed-type hypersensitivity in vivo.

Application Procedures

First dissolved in DMSO (up to 15 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.