

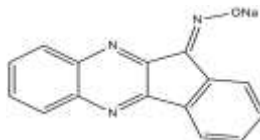
PRODUCT: IQ-1S

ALTERNATE NAMES: sodium;N-oxidoindeno[1,2-b]quinoxalin-11-imine; 11H-Indeno[1,2-b]quinoxalin-11-one oxime sodium salt

CATALOG #: B1279-5, -25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₅H₈N₃NaO

MOLECULAR WEIGHT: 269.23

CAS NUMBER: 1421610-21-0

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO

PURITY: ≥97% by HPLC

STORAGE: Store at -20°C. Protect from air and light.

DESCRIPTION: IQ-1S is a potent and selective JNK3 inhibitor (IC₅₀ values are 390, 360 and 87 nM for JNK1, 2 and 3 respectively).

REFERENCES:

1. Anti-inflammatory effects and joint protection in collagen-induced arthritis after treatment with IQ-1S, a selective c-Jun N-terminal kinase Inhibitor. Schepetkin et al. J.Pharmacol.Exp.Ther., 2015; 353:505
2. A novel dual NO-donating oxime and c-Jun N-terminal kinase inhibitor protects against cerebral ischemia-reperfusion injury in mice. Atochin et al. Neurosci.Lett., 2016; 618:45

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

- AS601245 (Cat. No. 2162-1, -5)
- DB07268 (Cat. No. B1134-10, -50)
- JNK-IN-8 (Cat. No. 2725-5, -25)
- L-JNK peptide Inhibitor I (Cat. No. 7011-50)
- IQ-1S sodium (Cat. No. B1279-5, -25)
- SP600125 (Cat. No. 1669-5)
- EZSolution™ SP600125 (Cat. No. 9541-5)

USAGE: *FOR RESEARCH USE ONLY! Not to be used in humans*