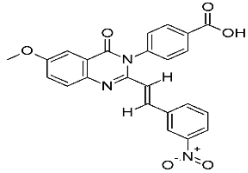


PRODUCT: QNZ46

ALTERNATE NAMES: (E)-4-(6-methoxy-2-(3-nitrostyryl)-4-oxoquinazolin-3(4H)-yl)-benzoic acid

CATALOG NUMBER: B2007-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₂₄H₁₇N₃O₆

MOLECULAR WEIGHT: 443.42

CAS NUMBER: 1237744-13-6

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

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

DESCRIPTION: QNZ46 is a NR2C/NR2D-selective NMDA receptor non-competitive antagonist (IC₅₀ values are 3, 6, 229, and >300, >300 μM for NR2D, NR2C, NR2A, NR2B, and GluR1, respectively)

REFERENCES: Hansen, K.B., and Traynelis, S.F. (201). *J. Neurosci.* **31**, 3560-3561.

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

RELATED PRODUCTS:

Glutamate Colorimetric Assay Kit (**Cat. No. K629-100**)
Glutamate Dehydrogenase Activity Colorimetric Assay Kit (**Cat. No. K729-100**)
JM6 (**Cat. No. 1913-5, 25**)
QNZ46 (**Cat. No. B2007-5,25**)
Ro 61-8048 (**Cat. No. 1912-5, 25**)

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