PRODUCT: 3-Bromo-7-nitroindazole

ALTERNATE NAME: 3-bromo-7-nitro-1H-indazole

CATALOG #: 2361-10, 50

AMOUNT: 10 mg, 50 mg

STRUCTURE:

MOLECULAR FORMULA: C_{7}H_{4}BrN_{3}O_{2}

MOLECULAR WEIGHT: 242.03

CAS NUMBER: 74209-34-0

APPEARANCE: Light brown solid

SOLUBILITY: DMSO (~ 25 mg/ml) or EtOH (~12 mg/ml)

PURITY: ≥98%

STORAGE: At -20°C. Protect from air and moisture

DESCRIPTION: A more potent inhibitor of nNOS than 7-nitroindazole (Cat. No. 2360) in vitro, but unlike 7-nitroindazole, it is also potent against iNOS. The IC_{50} values for inhibition of rat nNOS, bovine eNOS, and rat iNOS are 0.17, 0.86, and 0.29 µM, respectively.


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

RELATED PRODUCTS:
1400W hydrochloride (Cat. No. 2055-5, 25)
BEC (Cat. No. 2359-1, 5)
Diphenyleneiodonium chloride (Cat. No. 2358-5)
eNOS Antibody (Cat. No. 3426R-100)
L-NAME hydrochloride (Cat. No. 2356-100, 500, 1000)
L-NMMA acetate (Cat. No. 2348-5, 25, 100)
Nitric Oxide Colorimetric Assay Kit (Cat. No. K262-200)
Nitric Oxide Fluorometric Assay Kit (Cat. No. K252-20
7-Nitroindazole (Cat. No. 2360-50, 250)
ODQ (Cat. No. 2501-10, 50)

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