PRODUCT: 7-Nitroindazole

ALTERNATE NAME: 7-nitro-1H-indazole; 7-nitroindazole; 7-NI

CATALOG #: 2360, 250

AMOUNT: 50 mg, 250 mg

STRUCTURE:

MOLECULAR FORMULA: C_{7}H_{5}N_{3}O_{2}

MOLECULAR WEIGHT: 163.13

CAS NUMBER: 2942-42-9

APPEARANCE: Brown solid

SOLUBILITY: DMSO (~ 15 mg/ml) or EtOH (~4 mg/ml)

PURITY: ≥97% by GC

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

DESCRIPTION: A non-selective, reversible and competitive inhibitor of NOS isoforms in vitro. The IC_{50} values for inhibition of rat nNOS, bovine eNOS, and rat iNOS are 0.71, 0.78, and 5.8 µM, respectively. However, it shows good anti-nociceptive effects in vivo without affecting blood pressure via inhibition of eNOS.


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

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

RELATED PRODUCTS:
1400W hydrochloride (Cat. No. 2055-5, 25)
BEC (Cat. No. 2359-1, 5)
3-Bromo-7-nitroindazole (Cat. No. 2361-10, 50)
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. K262-20)
Nitric Oxide Fluorometric Assay Kit (Cat. No. K252-20)
ODQ (Cat. No. 2501-10, 50)