

7-Nitroindazole

Cat. No. CEI-0643

Lot. No. (See product label)

Introduction

Description

A non-selective, reversible and competitive inhibitor of NOS isoforms in vitro. The IC50 values for inhibition of rat nNOS, bovine eNOS, and rat iNOS are 0.71, 0.78, and 5.8 μ M, respectively. However, it shows good anti-nociceptive effects in vivo without affecting blood pressure via inhibition of eNOS.

Synonyms

7-NI

Product Information

Appearance

White solid

CAS No.

2942-42-9

Molecular Formula

C7H5N3O2

Chemical Name

7-nitro-1H-indazole

Molecular Weight

241.72

Purity

>97% by TLC

Targets

Nos1, NOS3, Nos2

Solubility

H₂O (~ 50 mg/ml)

Storage and Shipping Information

Storage

-20 centigrade

Shipping Conditions

Gel pack