

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 μM, 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