

1400W dihydrochloride

Cat. No. CEI-0541

Lot. No. (See product label)

Introduction

Description Cell-permeable. A slow, tight binding and highly selective inhibitor of iNOS (inducible nitric oxide synthase/NOS II) ($K_d > 97$ nM). In contrast, inhibition of nNOS and eNOS is weaker and rapidly reversible with K_i values of 2 and 50 μ M respectively. Inhibits tumor growth in vivo. Prevents circulatory failure but not organ injury induced by endotoxin. Displays protective effects in oxygen-deprived brain slices.

Synonyms N-(3-(Aminomethyl)benzyl)acetamide . 2HCl

Product Information

Appearance White solid

CAS No. 214358-33-5

Molecular Formula C₁₀ H₁₅ N₃ . 2HCl

Molecular Weight 523.88

Purity >95%

Targets NOS2

Solubility Acetic Acid (5%) or 10 mM HCl

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack