

## 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  $\mu$ 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)acetamidine . 2HCl

### Product Information

#### Appearance

White solid

#### CAS No.

214358-33-5

#### Molecular Formula

C 10 H 15 N 3 . 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