

## 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<sub>10</sub> H<sub>15</sub> N<sub>3</sub> . 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