

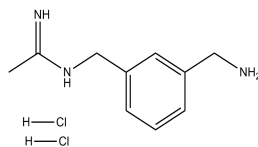
1400W dihydrochloride

ALTERNATE NAME: N-(3-(Aminomethyl)benzyl)acetamide . 2HCl

CATALOG #: 2055-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₀H₁₅N₃ .2HCl

MOLECULAR WEIGHT: 250.17

CAS NUMBER: 214358-33-5

APPEARANCE: White to off-white solid

SOLUBILITY: Water (100 mM)

PURITY: ≥98% by NMR

STORAGE: Store at -20 °C. Hygroscopic

DESCRIPTION: Cell-permeable. A slow, tight binding and highly selective inhibitor of iNOS (inducible nitric oxide synthase/NOS II) ($K_d \leq 7$ 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.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

- BAY 58-2667 hydrochloride (**Cat. No. 2027-1**)
- Nitric oxide Colorimetric Assay Kit (**Cat. No. K262-200**)
- Nitric oxide Fluorometric Assay Kit (**Cat. No. K252-200**)
- ODQ (**Cat. No. 2051-10, 50**)

FOR RESEARCH USE ONLY! Not to be used in humans