1400W . dihydrochloride

iNOS inhibitor

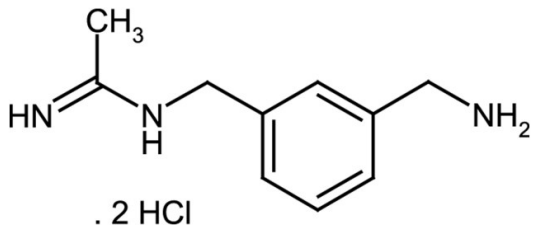
A slow, tight binding and highly selective inhibitor of inducible nitric oxide synthase (iNOS/NOS II) *in vitro* and in *vivo.* Binds tightly to iNOS with a K_d of 7nM. In contrast, inhibition of nNOS and eNOS is weaker and rapidly reversible with K_i values of 2 and 50μM respectively. Inhibits tumor growth *in vivo*. Prevents circulatory failure but not organ injury induced by endotoxin. Displays protective effects in oxygen-deprived brain slices.

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ALX-270-073-M005	5mg
ALX-270-073-M025	25mg

Manuals, SDS & CofA View Online »



. 2 HCl

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Hygroscopic.
Short Term Storage	-20°C
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White to off-white powder.
CAS	214358-33-5
Couple Target	NOS
Couple Type	Inhibitor
Formula	$C_{10}H_{15}N_3$. 2HCl
Identity	Determined by NMR.
MW	250.17
Purity	≥95% (TLC)
Solubility	Soluble in water (up to 25mg/ml), methanol or DMSO.
Source	Synthetic.

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