

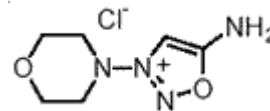
FT-62633A

SIN-1

Releases nitric oxide and forms superoxide spontaneously under physiological condition and has been shown to be a potent vasodilator.

Product Description

Name :	SIN-1 morpholinosydnonimine, hydrochloride
Catalog Number :	FP-62633A 50 mg FP-62633B 25 x 1 mg
CAS :	16142-27-1
Structure :	C ₆ H ₁₀ N ₄ O ₂
Molecular Weight :	MW= 206,7
Solubility:	Water, PBS (pH 7,2, 10mg/ml) and DMSO (5mg/ml)



Storage: Store at -20°C Protect from light especially when in solution

Directions for use

Guidelines for use

Protocol may be found in the literature.

References

- **Escrig A. et al.**, Nitric oxide release in penile corpora cavernosa in a rat model of erection, *J. Physiol.*, **516**: 261 - 269 (1999) [Article](#)
- **Wan S. et al.**, Nitric oxide-donating aspirin (NCX 4016) inhibits neointimal thickening in a pig model of saphenous vein-carotid artery interposition grafting: A comparison with aspirin and morpholinosydnonimine (SIN-1), *J Thorac Cardiovasc Surg*; **134**:1033-1039 (2007) [Article](#)

Ordering information

[Catalog size quantities and prices may be found at www.interchim.com/](http://www.interchim.com/)

Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : FluoProbes® / Interchim; Hotline : +33(0)4 70 03 73 06

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