



NS-2028

Soluble Guanylyl Cyclase Inhibitor, (sGC Inhibitor)

E1B1769

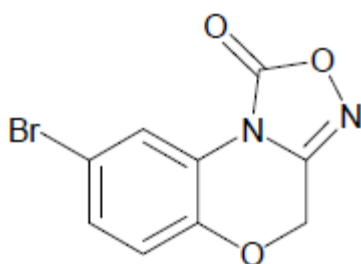
soluble Guanylyl Cyclase Inhibitor, (sGC Inhibitor)

PRODUCT: NS-2028

4-H-Bromo-1,2,4-oxadiazolo[3,4-d]benz(b)oxazin-1-one

CATALOG NO.: E1B1769

Package: 1mg (5mg/ml in DMSO, 0.2ml)



STRUCTURE:

PHYSICAL APPEARANCE: Solid

MOLECULAR FORMULA: C₉H₅N₂O₃Br

MOLECULAR WEIGHT: 269.1

PURITY: 98% by TLC

SOLUBILITY: Soluble in DMSO

STORAGE: Store solutions at -20°C for up to 1 year.

APPLICATION NOTES: Potent, selective, cell permeable, irreversible inhibitor of soluble guanylyl cyclase. Inhibition of GNSO induced soluble GC activity in mouse cerebellum homogenate, IC₅₀=17 nM. Complete inhibition of NO induced relaxation in vascular and nonvascular smooth muscle at 1 μM.

REFERENCES:

S.P. Olesen *et al. Br. J. Pharmacol.* 1998 **123** 299

The pharmacological and toxicological properties of this product have not been fully investigated. Exercise caution in use and handling. This product must not be used in humans.

For Research Use Only