GYY 4137

H_2S donor

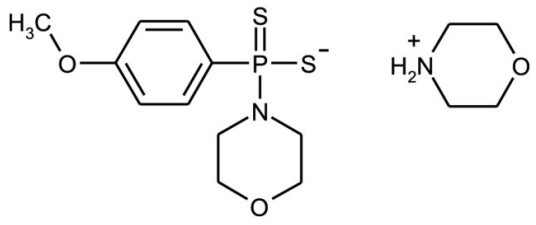
Water-soluble, slow-releasing hydrogen sulfide (H_2S) donor. Shows vasodilator and antihypertensive activity in rats in both acute (L-NAME-induced) or chronic (spontaneously hypertensive) hypertension models. Inhibits LPS-induced release of various proinflammatory mediators (such as IL-1β, IL-6, TNF-α, nitric oxide (NO) and PGE2) in RAW264.7 cells. Increases the synthesis of the anti-inflammatory chemokine IL-10 through NF-κB, ATF-2 and HSP27 dependent pathways in RAW264.7 cells.

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Ordering Information Order Online »

ALX-430-163-M010	10mg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light and moisture.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	4-Methoxyphenyl(morpholino)phosphinodithioate morpholinium salt
Appearance	White solid.
CAS	106740-09-4
Formula	$C_{11}H_{15}NO_2PS_2 \cdot C_4H_{10}NO$
Identity	Identity determined by 1H-NMR.
MW	288.3 . 88.1
Purity	≥95%
Solubility	Soluble in water (30mg/ml) or DMSO (15mg/ml).
Source	Synthetic.

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