

Hello Bio, Inc.
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500
F. 609-228-4994

customercare-usa@hellobio.com



DATASHEET

GYG 4137

Product overview

Name	GYG 4137
Cat No	HB3922
Purity	>95%
Description	Slow-releasing H ₂ S donor

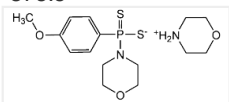
Biological Data

Biological description	Slow-releasing hydrogen sulfide (H ₂ S) donor. Water-soluble. Inhibits LPS-induced release of proinflammatory mediators and increases synthesis of anti-inflammatory chemokines. Shows anti-cancer, anti-inflammatory, anti-thrombotic vasodilatory and antihypertensive activity.
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Solubility & Handling

Storage instructions	+4 °C
Storage of solutions	Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.
Shipping Conditions	Stable for ambient temperature shipping. Follow storage instructions on receipt.
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Molecular Weight	375.5
Chemical structure	
Molecular Formula	C ₁₁ H ₁₆ NO ₂ PS ₂ ·C ₄ H ₉ NO
CAS Number	106740-09-4
PubChem identifier	46937261
SMILES	S=P(N1CCOCC1)(C2=CC=C(OC)C=C2)S.N3CCOCC3
InChiKey	YZMHNLDUWRZFW-UHFFFAOYSA-N
Appearance	White solid