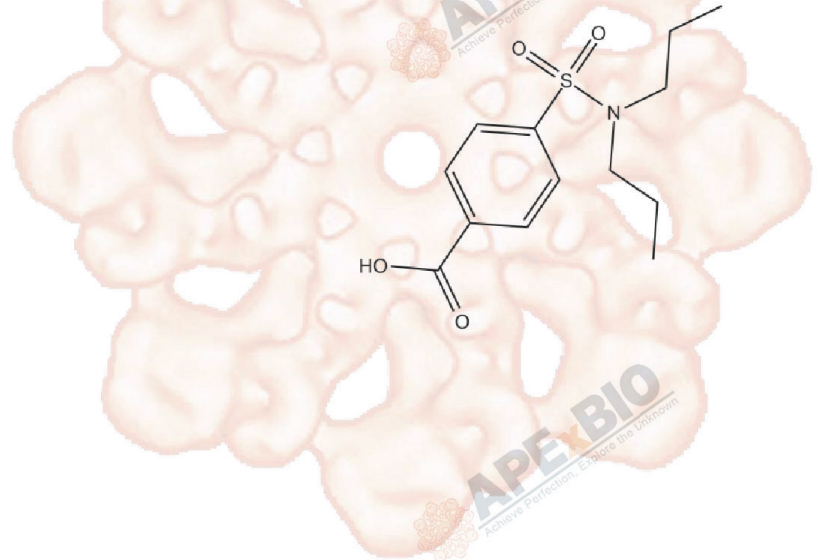


Product Data Sheet

Probenecid

Cat. No.: B2014
CAS No.: 57-66-9
Formula: C₁₃H₁₉NO₄S
M.Wt: 285.36
Synonyms:
Target:
Pathway:
Storage: Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥13.66 mg/mL in EtOH; ≥8.7 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	3.5043 mL	17.5217 mL	35.0435 mL
	5 mM	0.7009 mL	3.5043 mL	7.0087 mL
	10 mM	0.3504 mL	1.7522 mL	3.5043 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary inhibitor of organic anion transport, MRP and pannexin-1 channel

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Beltrán-Castillo S, Olivares et al. "D-serine released by astrocytes in brainstem regulates breathing response to CO(2) levels." Nat Commun. 2017 Oct 10;8(1):838.PMID:29018191

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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