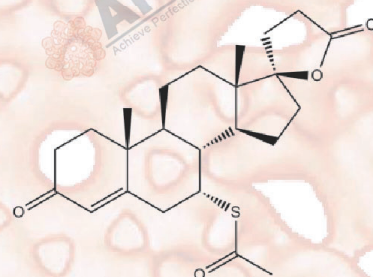


Product Data Sheet

Spironolactone

Cat. No.: B1378
CAS No.: 52-01-7
Formula: C₂₄H₃₂O₄S
M.Wt: 416.57
Synonyms:
Target: Endocrinology and Hormones
Pathway: Androgen Receptor
Storage: Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥16.23 mg/mL in EtOH; ≥18 mg/mL in DMSO

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	2.4006 mL	12.0028 mL	24.0056 mL
		5 mM	0.4801 mL	2.4006 mL	4.8011 mL
		10 mM	0.2401 mL	1.2003 mL	2.4006 mL

Please refer to the solubility information to select the appropriate solvent

Biological Activity

Shortsummary

Competitive mineralocorticoid (aldosterone) receptor antagonist

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Kemp MG. "DNA damage-induced ATR kinase activation in non-replicating cells is regulated by the XPB subunit of transcription factor II-H (TFIIH)." J Biol Chem. 2017 Jun 7. pii: jbc.M117.788406. PMID: 28592488

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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