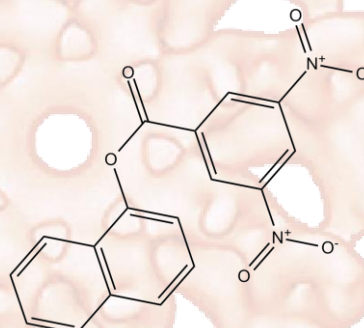


Product Data Sheet

1-Naphthyl 3,5-dinitrobenzoate

Cat. No.:	C3794
CAS No.:	93261-39-3
Formula:	C ₁₇ H ₁₀ N ₂ O ₆
M.Wt:	338.3
Synonyms:	1-(3,5-Dinitrobenzoyloxy)naphthalene, 1-Naphthalonol 3,5-dinitrobenzoate
Target:	Metabolism
Pathway:	5-Lipoxygenase
Storage:	Store at -20°C



Solvent & Solubility

≤0.1mg/ml in methanol; 0.5mg/ml in DMSO

In Vitro

	Solvent Concentration	Mass	1mg	5mg	10mg
Preparing Stock Solutions	1 mM		2.9560 mL	14.7798 mL	29.5596 mL
	5 mM		0.5912 mL	2.9560 mL	5.9119 mL
	10 mM		0.2956 mL	1.4780 mL	2.9560 mL

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

Biological Activity

Shortsummary

dual 5-lipoxygenase and microsomal prostaglandin E synthase-1 inhibitor

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

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 APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm 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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