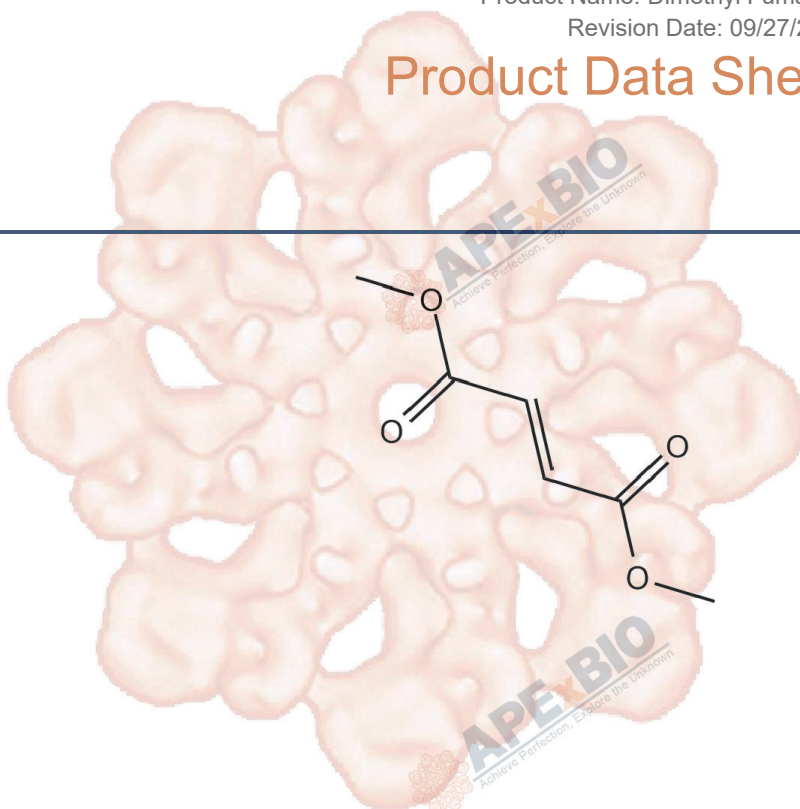


Product Data Sheet

Dimethyl Fumarate

Cat. No.:	B1931
CAS No.:	624-49-7
Formula:	C ₆ H ₈ O ₄
M.Wt:	144.13
Synonyms:	
Target:	Immunology/Inflammation
Pathway:	KEAP1-Nrf2
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥6.7 mg/mL in EtOH with gentle warming and ultrasonic; ≥7.1 mg/mL in DMSO

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	6.9382 mL	34.6909 mL	69.3818 mL
		5 mM	1.3876 mL	6.9382 mL	13.8764 mL
		10 mM	0.6938 mL	3.4691 mL	6.9382 mL

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

Biological Activity

Shortsummary

nuclear factor (erythroid-derived)-like 2 (Nrf2) pathway activator

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 APEx BIO 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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