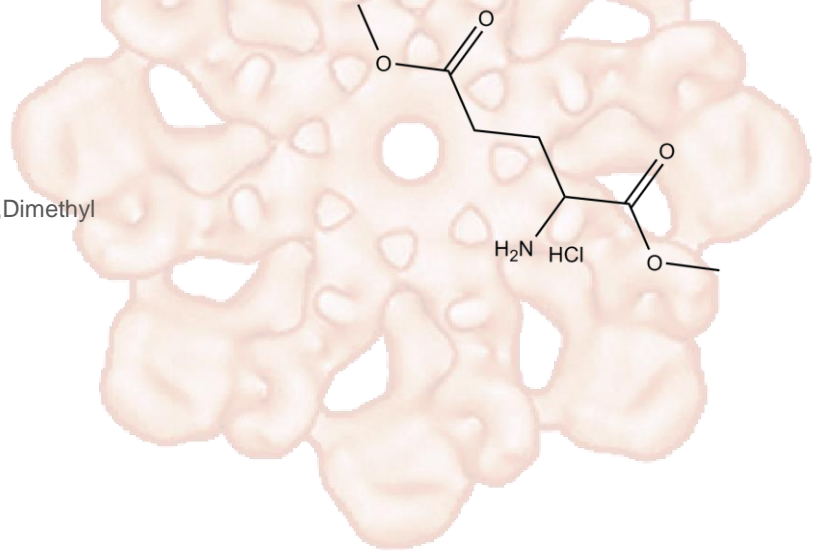


Product Data Sheet

Dimethyl DL-Glutamate (hydrochloride)

Cat. No.:	C3762
CAS No.:	13515-99-6
Formula:	C ₇ H ₁₃ NO ₄ ·HCl
M.Wt:	211.6
Synonyms:	Glutamic Acid dimethyl ester, Dimethyl 2-aminopentanedioate
Target:	Metabolism
Pathway:	Amino acid metabolism
Storage:	Store at -20°C



Solvent & Solubility

≤5mg/ml in ethanol; 10mg/ml in DMSO; 15mg/ml in dimethyl formamide

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass		
		1mg	5mg	10mg
	1 mM	4.7259 mL	23.6295 mL	47.2590 mL
	5 mM	0.9452 mL	4.7259 mL	9.4518 mL
	10 mM	0.4726 mL	2.3629 mL	4.7259 mL

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

Biological Activity

Shortsummary: cell-permeable form of glutamate

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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