Gabexate mesylate

07/20

ALTERNATE NAMES: FOY; Megacart; ethyl 4-[6-(diaminomethylideneamino)hexanoyloxy]benzoate; methanesulfonic acid; 4-[6-[(aminoiminomethyl)amino]-1-oxohexyl]oxy]benzoic acid ethyl ester mesylate; [Ethyl p-(6-guanidinoheaxanoyloxy) benzoate]methanesulfonate

CATALOG #: B3058-50 50 mg
               B3058-250 250 mg

STRUCTURE:

![Gabexate mesylate structure](image)

MOLECULAR FORMULA: C₁₇H₂₇N₃O₇S

MOLECULAR WEIGHT: 417.48

CAS NUMBER: 56974-61-9

APPEARANCE: White solid

PURITY: ≥97%

SOLUBILITY: ~25 mg/ml in DMSO and DMF

DESCRIPTION: Gabexate is an inhibitor of serine proteases. It inhibits plasma kallikrein, thrombin, plasmin, factor Xa with Kᵢ values of 0.2 μM, 0.97 μM, 1.6 μM and 8.5 μM. It exerts an anticoagulant effect on the clotting activity of thrombin. It inhibits LPS-induced TNF-alpha production in monocytes by inhibiting activation of both NF-kappaB and activator protein-1. It slightly inhibits SARS-CoV-2 S-driven host cell entry in lung cells.

STORAGE TEMPERATURE: -20°C. Store in the dark. Product is light sensitive. Protect from air. Store under desiccating conditions.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

REFERENCES:

RELATED PRODUCTS:
Nafamostat Mesylate (Cat. No. 1760)
Camostat mesylate (Cat. No. B2145)
Dexamethasone (Cat. No. 1042)
E-64d (Cat. No. B3057)
PMSF (Cat. No. 1548)

DISCLAIMER: FOR RESEARCH USE ONLY! Not to be used on humans.