Gabexate . mesylate

Protease inhibitor

A competitive, reversible inhibitor of serine proteases tryptase (K_i=3.4nM), thrombin (K_i=500nM), uPA (K_i=1.3μM), plasmin (K_i=1.5μM), trypsin (K_i =2μM), factor Xa (K_i=2μM). At higher concentrations it inhibits kallikrein-1 (K_i=2.6mM), C_1 esterase (IC_{50}=520μM), as well as phospholipase A_2 (IC_{50} =500μM), rat iNOS (K_i=5mM) and cNOS (K_i=150μM), and swine kidney copper amine oxidase (K_i=27μM), but not chymotrypsin. Has been used in tissue culture and *in vivo*. In clinical use for pancreatitis.

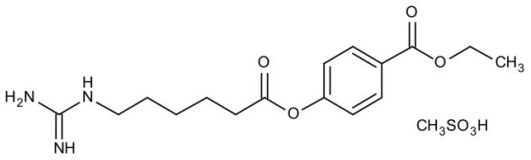
Ordering Information

Order Online »

BML-PI144-0010	10mg
BML-PI144-0050	50mg

Manuals, SDS & CofA

View Online »


O
O
O
CH3
H2N
H
N
NH
O
CH3SO3H

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White solid.
CAS	56974-61-9
Couple Target	C1 esterase, Clotting factor, Kallikrein, NOS, Phospholipase, PLA, Plasmin, Protease, Serine protease, Thrombin, Trypsin, Tryptase, uPA
Couple Type	Inhibitor
Formula	$C_{16}H_{23}N_3O_4 \cdot CH_3SO_3H$
MW	417.5
Purity	≥98% (HPLC)
Solubility	Soluble in water (25 mg/ml).

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