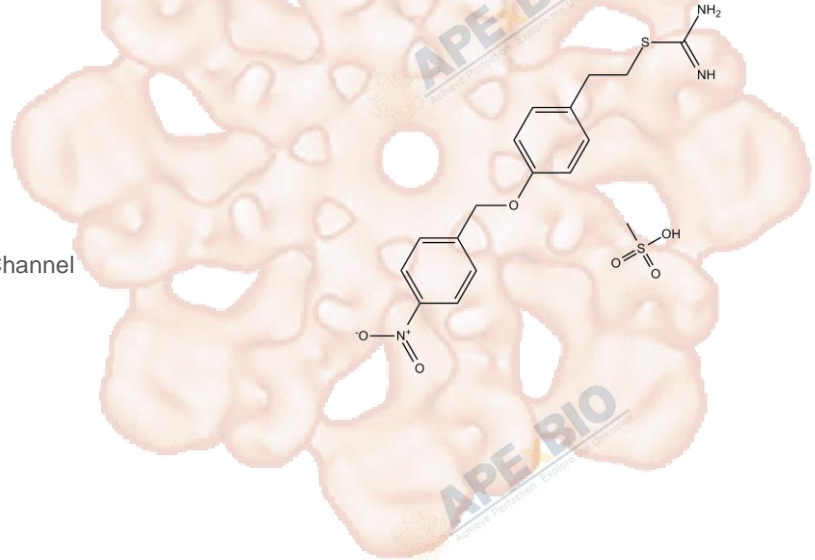


Product Data Sheet

KB-R7943 mesylate

Cat. No.:	A3525
CAS No.:	182004-65-5
Formula:	C17H21N3O6S2
M.Wt:	427.5
Synonyms:	KB-R7943; KB-R 7943
Target:	Membrane Transporter/Ion Channel
Pathway:	Na ⁺ /Ca ²⁺ Exchanger
Storage:	Store at -20°C



Solvent & Solubility

≥42.8 mg/mL in DMSO; insoluble in H₂O; ≥4.61 mg/mL in EtOH with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.3392 mL	11.6959 mL	23.3918 mL
	5 mM	0.4678 mL	2.3392 mL	4.6784 mL
	10 mM	0.2339 mL	1.1696 mL	2.3392 mL

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

Biological Activity

Shortsummary

Inhibitor of the reverse mode of the Na⁺/Ca²⁺ exchanger

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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