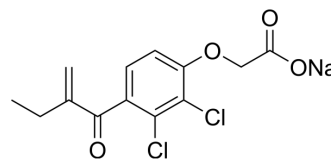


Ethacrynic acid sodium

Cat. No.:	HY-B1640A
CAS No.:	6500-81-8
Molecular Formula:	C ₁₃ H ₁₁ Cl ₂ NaO ₄
Molecular Weight:	325.12
Target:	NF-κB; Gutathione S-transferase; Calcium Channel; NO Synthase
Pathway:	NF-κB; Metabolic Enzyme/Protease; Membrane Transporter/Ion Channel; Neuronal Signaling; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ethacrynic acid (Etacrynic acid sodium) sodium is a diuretic. Ethacrynic acid sodium is an inhibitor of glutathione S-transferases (GSTs). Ethacrynic acid sodium is a potent inhibitor of NF-κB-signaling pathway, and also modulates leukotriene formation. Ethacrynic acid sodium also inhibits L-type voltage-dependent and store-operated calcium channel, leading to relaxation of airway smooth muscle (ASM) cells. Ethacrynic acid sodium has anti-inflammatory properties that reduces the retinoid-induced ear edema in mice^{[1][2][3][4]}.

CUSTOMER VALIDATION

- EMBO Rep. 2021 Apr 15;e51649.
- Life Sci Alliance. 2021 Jun 18;4(8):e202000906.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019;53(2):211-216.

Caution: Product has not been fully validated for medical applications. For research use only.

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