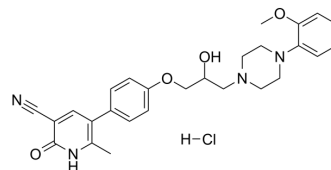


Saterinone hydrochloride

Cat. No.:	HY-101644A
CAS No.:	102685-83-6
Molecular Formula:	C ₂₇ H ₃₁ ClN ₄ O ₄
Molecular Weight:	511.01
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Saterinone hydrochloride is a phosphodiesterase III (PDE III) inhibitor.
IC ₅₀ & Target	phosphodiesterase III (PDE III) ^[1]
In Vitro	Saterinone combines direct positive inotropic action with pronounced vasodilating properties partly due to an alpha-receptor antagonism of its urapidil-like moiety in the molecular structure ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Kieback AG, et al. Pharmacokinetics and hemodynamic effects of the phosphodiesterase III inhibitor saterinone in patients with chronic heart failure. Int J Cardiol. 2003 Oct;91(2-3):201-8.

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

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