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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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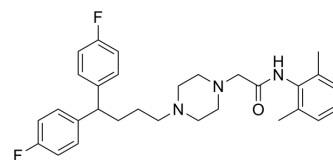
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Lidoflazine

Cat. No.:	HY-112075		
CAS No.:	3416-26-0		
Molecular Formula:	$C_{30}H_{35}F_2N_3O$		
Molecular Weight:	491.62		
Target:	Potassium Channel; Calcium Channel		
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Lidoflazine is a high affinity blocker of the HERG (human ether-a-go-go-related gene) K ⁺ channel. Lidoflazine is an antianginal calcium channel blocker that carries a significant risk of QT interval prolongation and ventricular arrhythmia ^[1] .
In Vitro	Lidoflazine inhibits potently HERG current (I _{HERG}) recorded from HEK 293 cells stably expressing wild-type HERG (IC ₅₀ of ~16 nM). MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. <https://www.ncbi.nlm.nih.gov/pubmed/15135665>

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

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