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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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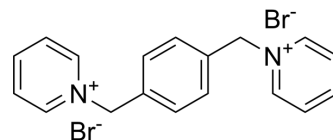
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p-Xylene bis(pyridinium bromide)

Cat. No.:	HY-W130025
CAS No.:	14208-10-7
Molecular Formula:	C ₁₈ H ₁₈ Br ₂ N ₂
Molecular Weight:	422.16
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	p-Xylene bis(pyridinium bromide) (compound 21), a cationic charged quencher, is a weak bisquaternary AChE and BChE inhibitor with IC ₅₀ s of 1540 μM and 529 μM, respectively ^{[1][2]} .	
IC ₅₀ & Target	hAChE 1540 μM (IC ₅₀)	BChE 529 μM (IC ₅₀)

REFERENCES

[1]. Kamil Musilek, et al. Preparation and in vitro screening of symmetrical bispyridinium cholinesterase inhibitors bearing different connecting linkage-initial study for Myasthenia gravis implications. *Bioorg Med Chem Lett*. 2010 Mar 1;20(5):1763-6.

[2]. M Smolarsky, et al. A simple fluorescent method to determine complement-mediated liposome immune lysis. *J Immunol Methods*. 1977;15(3):255-65.

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

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