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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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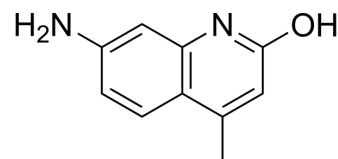
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Carbostyryl 124

Cat. No.:	HY-W008292
CAS No.:	19840-99-4
Molecular Formula:	C ₁₀ H ₁₀ N ₂ O
Molecular Weight:	174.2
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	Carbostyryl 124 is a sensitising chromophore. Carbostyryl 124 is a reasonably effective organic sensitizer for a proximate bound terbium ion ^{[1][2]} .
In Vitro	The characteristic metal-based luminescence was observed for europium and terbium complexes in aqueous solution following excitation of the cs124 chromophore at 320 nm ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Parker D, et al. Modest effectiveness of carbostyryl 124 as a sensitising chromophore in europium and terbium amide complexes based on 1,4,7,10-tetraazacyclododecane. *Journal of the Chemical Society, Perkin Transactions 2*, 1996(8):1581.
- [2]. Li M, et al. Luminescent Polyaminocarboxylate Chelates of Terbium and Europium: The Effect of Chelate Structure. *Journal of the American Chemical Society*, 1995, 117(31):p. 8132-8138.

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

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