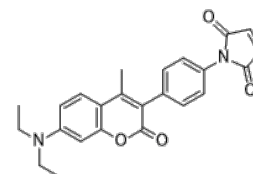


Product Name : Fluorescent CPM
Cat. No. : PC-24622
CAS No. : 76877-33-3
Molecular Formula : C₂₄H₂₂N₂O₄
Molecular Weight : 402.45
Target : Fluorescent Dye
Solubility : 10 mM in DMSO



Biological Activity

Fluorescent CPM is a fluorescent sensor for selectively and sensitively detecting electron-deficient nitro-explosives and metal nitrates, acting as a blue fluorescent thiol-reactive dye (excitation/emission maxima of 387/463 nm).

References

Grossman SH. Biochemistry. 1983 Nov 8;22(23):5369-75.

Wang Z, et al. Anal Bioanal Chem. 2015 May;407(13):3683-91.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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