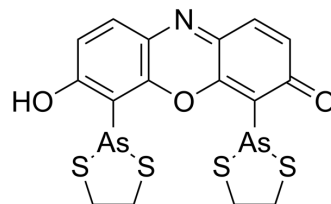


ReAsH-EDT2

Cat. No.:	HY-130533
CAS No.:	438226-89-2
Molecular Formula:	C ₁₆ H ₁₃ As ₂ NO ₃ S ₄
Molecular Weight:	545
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description	ReAsH-EDT2 is a red fluorescent dye that marks proteins. ReAsH-EDT2 is a membrane-permeable biarsenical compound that binds covalently to tetracysteine sequences which allows the protein to be imaged. ReAsH-EDT2 can be used for protein localization and trafficking. (λ_{ex} =530 nm, λ_{em} =592 nm) ^{[1][2]} .
In Vitro	ReAsH-EDT2 tags with GyrB.FGFR1KD.TC can appear with red fluorescence. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Adams SR, et, al. Preparation of the membrane-permeant biarsenicals FAsH-EDT2 and ReAsH-EDT2 for fluorescent labeling of tetracysteine-tagged proteins. Nat Protoc. 2008;3(9):1527-34.
- [2]. Perdios L, et, al. Time-resolved FRET reports FGFR1 dimerization and formation of a complex with its effector PLC γ 1. Adv Biol Regul. 2016 Jan;60:6-13.

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

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