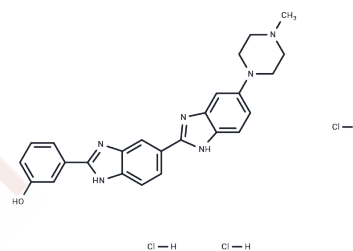


HOE-S 785026 trihydrochloride

Chemical Properties

CAS No. : 2320308-12-9
 Formula: C₂₅H₂₇Cl₃N₆O
 Molecular Weight: 533.88
 Appearance: no data available
 Storage: keep away from direct sunlight
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	HOE-S 785026 trihydrochloride is a live cell labeling dye that binds to nucleic acids by targeting the minor groove in DNA double strands, with a preference for A/T-rich regions (fluorescence is significantly enhanced by A/T-rich double-stranded DNA). It crosses cell membranes and binds to living or immobilized cells, with its fluorescence intensity increasing as the solution pH rises.
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Solubility Information

Solubility	H ₂ O: 47.3 mg/mL (88.60 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8731 mL	9.3654 mL	18.7308 mL
5 mM	0.3746 mL	1.8731 mL	3.7462 mL
10 mM	0.1873 mL	0.9365 mL	1.8731 mL
50 mM	0.0375 mL	0.1873 mL	0.3746 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Parkinson JA, et al. Molecular design of DNA-directed ligands with specific interactions: solution NMR studies of the interaction of a m-hydroxy analogue of Hoechst 33258 with d(CGCGAATTCGCG)₂. Biochemistry. 1994 Jul 19;33 (28):8442-52.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481