

JQ1-FITC

Chemical Properties

CAS No. :

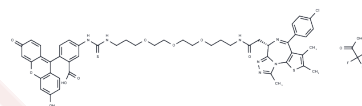
Formula: C₅₀H₅₀ClN₇O₉S₂.CF₃CO₂H

Molecular Weight: 1106.58

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	JQ1-FITC, a fluorescent BET bromodomain probe, exhibits high affinity binding to BRD4 (BD1) and BRD4(BD2), with K _{D,app} values of 6.5 nM and 5.8 nM respectively, as determined using GST-tagged BRD4 proteins in a CoraFluorTR-FRET assay; for BRD4 (BD1), the value is 58.7 nM in a fluorescence anisotropy assay. It has excitation and emission maxima (λ) of 495 nm and 525 nm.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9037 mL	4.5184 mL	9.0369 mL
5 mM	0.1807 mL	0.9037 mL	1.8074 mL
10 mM	0.0904 mL	0.4518 mL	0.9037 mL
50 mM	0.0181 mL	0.0904 mL	0.1807 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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