

BI 2852 FL

## Chemical Properties

CAS No. : 2762758-95-0

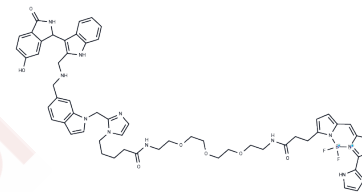
Formula: C59H64BF2N11O7

Molecular Weight: 1088.02

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	BI 2852 FL is a cell-permeable bioluminescence resonance energy transfer (BRET) fluorescent probe targeting the pan-RAS type. It is synthesized by conjugating a fluorophore with a derivative of the reversible SI/II-P KRAS inhibitor, BI 2852. BI 2852 FL is employed in a competitive BRET format to quantify the binding of SII-P to multimeric RAS complexes within living cells.
Targets(IC50)	Ras,Kras
In vitro	BI 2852 FL functions as a cell-permeable pan-RAS bioluminescence resonance energy transfer (BRET) fluorescent probe. It is crafted through the conjugation of a fluorophore to a derivative of BI 2852, the reversible SI/II-P KRAS inhibitor. Employed in a competitive BRET format, BI 2852 FL is utilized to assess SII-P engagement with multimeric RAS complexes within live cells.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9191 mL	4.5955 mL	9.191 mL
5 mM	0.1838 mL	0.9191 mL	1.8382 mL
10 mM	0.0919 mL	0.4596 mL	0.9191 mL
50 mM	0.0184 mL	0.0919 mL	0.1838 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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