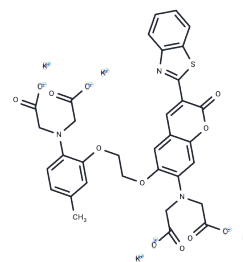


## BTC tetrapotassium

## Chemical Properties

CAS No. :	216453-54-2
Formula:	C33H25K4N3O12S
Molecular Weight:	844.02
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Tetrapotassium BTC is a calcium indicator with low affinity (Kd approximately 7-26 $\mu$ M) that offers favorable characteristics for cellular calcium imaging, such as extended excitation wavelengths (400/485 nm), minimal sensitivity to Mg <sup>2+</sup> , and precise ratiometric measurement [1].
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1848 mL	5.924 mL	11.8481 mL
5 mM	0.237 mL	1.1848 mL	2.3696 mL
10 mM	0.1185 mL	0.5924 mL	1.1848 mL
50 mM	0.0237 mL	0.1185 mL	0.237 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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