

BP Fluor 405 DBCO

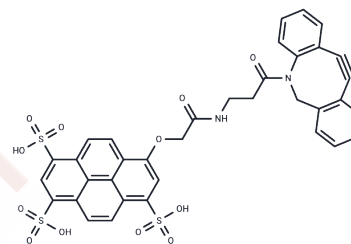
Chemical Properties

CAS No. : 2362006-29-7

Formula: C₃₆H₂₆N₂O₁₂S₃

Molecular Weight: 774.793

Storage: Keep away from direct sunlight
 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	BP Fluor 405 DBCO is a blue fluorescent dye frequently used in multicolor applications, such as flow cytometry and super-resolution microscopy with STORM. Its excitation is optimal for the 407 nm krypton laser line or 408 nm violet laser diode. BP Fluor 405 DBCO reacts with azides through a copper-free click chemistry reaction to form a stable triazole, eliminating the need for a Cu catalyst or elevated temperatures. In applications where copper presence is a concern, BP Fluor 405 DBCO serves as an ideal alternative to copper-requiring fluorescent alkynes.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2907 mL	6.4534 mL	12.9067 mL
5 mM	0.2581 mL	1.2907 mL	2.5813 mL
10 mM	0.1291 mL	0.6453 mL	1.2907 mL
50 mM	0.0258 mL	0.1291 mL	0.2581 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481