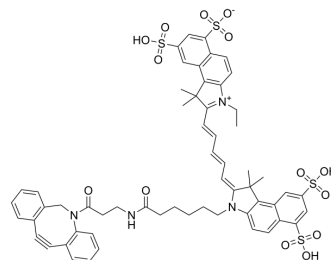


## Cy5.5 DBCO

Cat. No.:	HY-151720		
CAS No.:	1857352-95-4		
Molecular Formula:	C <sub>59</sub> H <sub>58</sub> N <sub>4</sub> O <sub>14</sub> S <sub>4</sub>		
Molecular Weight:	1175.37		
Target:	ADC Linker		
Pathway:	Antibody-drug Conjugate/ADC Related		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

#### Description

Cy5.5 DBCO is a click chemistry reagent containing an cycloalkynes group. Cy5.5 DBCO is a linker of Cyanine5.5 fluorophore. DBCO group enables copper free biocompatible click chemistry with fast reaction kinetics and good stability<sup>[1]</sup>.

### REFERENCES

[1]. Mi Hee Choi, et al. Synthesis and evaluation of an (125)I-labeled azide prosthetic group for efficient and bioorthogonal radiolabeling of cyclooctyne-group containing molecules using copper-free click reaction. *Bioorg Med Chem Lett*. 2016 Feb 1;26(3):875-878.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA