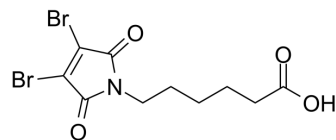


## Dibromomaleimide-C5-COOH

Cat. No.:	HY-157080
CAS No.:	1443214-97-8
Molecular Formula:	C <sub>10</sub> H <sub>11</sub> Br <sub>2</sub> NO <sub>4</sub>
Molecular Weight:	369.01
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 100 mg/mL (271.00 mM)  
\* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		2.7100 mL	13.5498 mL	27.0995 mL
	5 mM		0.5420 mL	2.7100 mL	5.4199 mL
	10 mM		0.2710 mL	1.3550 mL	2.7100 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Dibromomaleimide-C5-COOH (DBM-C5-COOH) is a bifunctional dibromomaleimide (DBM) linker. Dibromomaleimide-C5-COOH can be used to connect MMAF and to synthesize ADC<sup>[1]</sup>.

### REFERENCES

[1]. Behrens CR, et al. Antibody-Drug Conjugates (ADCs) Derived from Interchain Cysteine Cross-Linking Demonstrate Improved Homogeneity and Other Pharmacological Properties over Conventional Heterogeneous ADCs. *Mol Pharm.* 2015 Nov 2;12(11):3986-98.

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

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