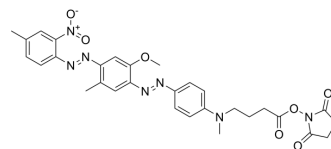


BHQ-1 NHS

Cat. No.:	HY-154834		
CAS No.:	916753-61-2		
Molecular Formula:	C ₃₀ H ₃₁ N ₇ O ₇		
Molecular Weight:	601.61		
Target:	Fluorescent Dye		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 4.35 mg/mL (7.23 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.6622 mL	8.3110 mL	16.6221 mL
5 mM	0.3324 mL	1.6622 mL	3.3244 mL
10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

BHQ-1 NHS directly labeled by fluorescently labeled nucleotide.

REFERENCES

[1]. Jonathan F Lovell, et al. FRET quenching of photosensitizer singlet oxygen generation. J Phys Chem B. 2009 Mar 12;113(10):3203-11.

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

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