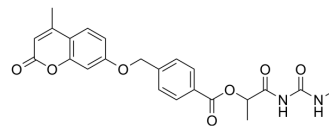


MuRF1-IN-2

Cat. No.:	HY-W184800		
CAS No.:	937891-74-2		
Molecular Formula:	C ₂₃ H ₂₂ N ₂ O ₇		
Molecular Weight:	438.43		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (114.04 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2809 mL	11.4043 mL	22.8087 mL
	5 mM	0.4562 mL	2.2809 mL	4.5617 mL
	10 mM	0.2281 mL	1.1404 mL	2.2809 mL

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

BIOLOGICAL ACTIVITY

Description

MuRF1-IN-2 (Example 3) is a MuRF1 inhibitor. MuRF1-IN-2 can be used for research of muscle wasting conditions, of skeletal or cardiac muscle atrophy^[1].

IC₅₀ & Target

MuRF1^[1]

REFERENCES

[1]. Adams, Volker, et al. Preparation of chromen-2-one compounds suitable for the treatment and prophylaxis of muscle wasting and other conditions. Patent. WO2021032643.

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

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