

Oridonin

Cat. # F3240-10, F3240-50

Also Known as:	NSC-250682, Rubescenin
Formula:	$C_{20}H_{28}O_6$
MW:	364.43 g/mol
CAS No.:	28957-04-2
Source:	Synthetic
Form:	Powder
Solubility:	Soluble in DMSO up to 20 mg/mL. To achieve better solubility, warm the solution at 37 °C and sonicate in an ultrasonic water bath.
Preparation of Stocks in DMSO:	5 mg/mL = 13.7mM
Quality Assurance:	>98% purity assayed by NMR.
Description:	Oridonin is a diterpenoid found in <i>Rabdosia rubescens</i> . It has anti-tumor, anti-bacterial, and anti-inflammatory effects, potential targets include AKT1, AKT2, NLRP3, and others.
Storage:	Eligible for room temperature shipping. Store at -20°C upon receiving. Avoid multiple freeze-thaw cycles after dissolving in DMSO.
Literature:	1. Song M, et al., Mol. Cancer Ther. 2018, Apr 25. pii:moccanther.0823.2017 2. He H, et al., Nat. commun. 2018, 9, 2550