



Kirenol

Cat. No.:	OB0225WX-1695
Appearance:	Solid
Purity:	≥99%
Identity:	Confirmed by NMR, and LC-MS.
Size:	5 mg; 10 mg; 25 mg; 50 mg; 100 mg

This product is for research use only and is not intended for diagnostic use.

Product Overview

Description	Kirenol is a bioactive diterpenoid that regulates the BMP and Wnt/β-catenin path ways to promote osteoblast differentiation while exhibiting significant antimicrobial activity against Gram-positive bacteria.
Synonym	Kirel; 52659-56-0
CAS No.	52659-56-0
Formula	$C_{20}H_{34}O_4$
Formula Weight	338.48

Specification

Relative Density	1.17 g/cm ³
Stability	3 years in powder form.
Storage	Storage at -20°C.
Applications	Kirenol is utilized in phytochemical and immunological research to examine its anti-inflammatory properties and its role in regulating the Wnt/beta-catenin path way within arthritic models.

Library Information

Target	Wnt/β-Catenin
Receptor	Wnt/β-Catenin
Pathways	Stem cells; Cytoskeletal signaling



Plate Number	AOCL-22
Plate Location	f10
Empty Location	a1-h1; a12-h12
Container	96-well plate
Formulation	10mM DMSO
DMSO Max Solubility	62 mg/mL; 183.2 mM
Solubility	Soluble in chloroform, dichloromethane, ethyl acetate, acetone, etc.
ALogP	1.769
HBA_Count	0
HBD_Count	4
Rotatable Bond	3