

Product Name	: Lonapalene
Synonyms	: —
Cat No.	: M33486
CAS Number	: 91431-42-4
Molecular Formula	: C ₁₆ H ₁₅ ClO ₆
Formula Weight	: 338.74
Chemical Name	: —
Description	: Lonapalene (RS4317) is a topically effective 5-lipoxygenase (5-LO) inhibitor.
Pathway	: Immunology/Inflammation
Target	: Lipoxygenase
Receptor	: Lipoxygenase
Solubility	: In Vitro: ?DMSO : 100 mg/mL (295.21 mM; Ultrasonic)
SMILES	: <chem>COc1c(OC)c(OC(C)=O)c2cc(Cl)ccc2c1OC(C)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Black AK, et al. Pharmacologic and clinical effects of lonapalene (RS 43179), a 5-lipoxygenase inhibitor, in psoriasis. J Invest Dermatol. 1990 Jul;95(1):50-4.?