
Fenretinide

产品编号: D51295

CAS: 65646-68-6

分子式: C₂₆H₃₃NO₂

纯度: ≥98%

InChi: InChI=1S/C₂₆H₃₃NO₂/c1-19(11-16-24-21(3)10-7-17-26(24,4)5)8-6-9-20(2)18-25(29)27-22-12-14-23(28)15-13-22/h6,8-9,11-16,18,28H,7,10,17H₂,1-5H₃, (H,27,29)/b9-6+,16-11+,19-8+,20-18+

InChi Key: AKJHMTWEGVYSE-FXILSDISSA-N

Smiles: CC1CCCC(C)(C)C=1/C=C/C(/C)=C/C=C/C(/C)=C/C(=O)NC1C=CC(O)=CC=1

外观: 固体粉末

作用通路: Autophagy

溶解性: Soluble in DMSO, not in water

保存条件: Store in dry, dark place for one year.

产品介绍: Fenretinide is an orally-active synthetic phenylretinamide analogue of retinol (vitamin A) with potential antineoplastic and chemopreventive activities. Fenretinide binds to and activates retinoic acid receptors (RARs), thereby inducing cell differentiation and apoptosis in some tumor cell types. This agent also inhibits tumor growth by modulating angiogenesis-associated growth factors and their receptors and exhibits retinoid receptor-independent apoptotic properties.