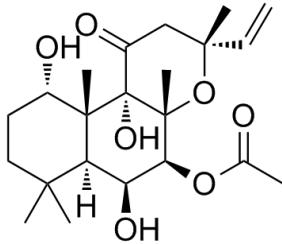


Product Name	: Forskolin	
Synonyms	: Coleonol; HL 362; L 75-1362B; NSC 357088; NSC 375489	
Cat No.	: M15538	
CAS Number	: 66575-29-9	
Molecular Formula	: C22H34O7	
Formula Weight	: 410.51	
Chemical Name	: (3R,4aR,5S,6S,6aS,10S,10aR,10bS)-6,10,10b-trihydroxy-3,4a,7,7,10a-pentamethyl-1-oxo-3-vinyldodecahydro-1H-benzof[<i>f</i>]chromen-5-yl acetate	
Description	: Forskolin is a ubiquitous activator of eukaryotic adenylyl cyclase (AC) in a wide variety of cell types, commonly used to raise levels of cAMP in the study and research of cell physiology.	
Pathway	: Endocrinology/Hormones	
Target	: AChR	
Receptor	: Adenylyl cyclase (AC)	
Solubility	: Ethanol: 37 mg/mL (90.13 mM); DMSO: 82 mg/mL (199.75 mM)	
SMILES	: <chem>C[C@@](C1)(C=C)O[C@]2(C)[C@@H](OC(C)=O)[C@@H](O)[C@@]3([H])C(C)(C)CC[C@H](O)[C@]3(C)[C@@]2(O)C1=O</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Insel PA, et al. *Cell Mol Neurobiol*, 2003, 23(3), 305-314.

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