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Rottlerin

Catalogue No.: abx076570

Rottlerin is a small molecule. Rottlerin has been shown to inhibit protein kinase C as well as CAM kinase III. It is also a potent activator of many K⁺ channels which are Ca²⁺-activated. Studies have illustrated Rottlerin to act as a mitochondrial uncoupler which depolarizes membrane potential. Lastly, Rottlerin can induce autophagy by inhibition of mTORC1 signalling.

Target:	Rottlerin
Origin:	Synthetic
Purity:	≥98%
Form:	Orange to brown solid.
CAS Number:	82-08-6
Storage:	Store at -20 °C.
Molecular Weight:	516.55
Molecular Formula:	C ₃₀ H ₂₈ O ₈
SMILES:	<chem>C1=CC=CC=C1/C=C/C(C2=C(C(=C(C3=C2OC(C)(C)C=C3)O)CC4=C(C(=C(C(=C4O)C(C)=O)O)C)O)O)=O</chem>
Note:	This product is for research use only.