Product Name	:	Columbianetin
Synonyms	:	(+)-Columbianetin;(S)-Columbianetin
Cat No.	:	M21454
CAS Number	:	3804-70-4
Molecular Formula	:	C14H14O4
Formula Weight	:	246.26
Chemical Name	:	——
Description	:	Columbianetin is a new phytoalexin associated with celery (Apium graveolens) resistance to pathogens during storage it also has antifungal activity. Columbianetin has anti-inflammatory effects it promotes histamine release and inhibits the histamine release by substance P suggests that it may be helpful in regulating mast cell-mediated allergic inflammatory responses. (2'S)-columbianetin can be effectively used to protect keratinocytes from UVB induced damage.
Pathway	:	Microbiology/Virology
Target	:	Antifungal
Receptor	:	Antifungal
Solubility	:	——
SMILES	:	CC(C)([C@H](C1)Oc(cc2)c1c(O1)c2C=CC1=O)O
Storage	:	(-20℃)
Stability	:	≥ 2 years
Reference	:	

1.Ahn B N Kim J A Kong C S et al. Protective effect of (2′S)-columbianetin from Corydalis heterocarpa on UVB-induced keratinocyte damage[J]. Journal of Photochemistry & Photobiology B Biology 2012 109(none):20-27.