Product Name	:	Helichrysetin
Synonyms	:	——
Cat No.	:	M22912
CAS Number	:	62014-87-3
Molecular Formula	:	C16H14O5
Formula Weight	:	286.3
Chemical Name	:	——
Description	:	Helichrysetin has mild anti-HIV-1 PR activity. Helichrysetin has great potentials for development as an anticancer agent, it has cytotoxic effect on four selected cancer cell lines, A549, MCF-7, Ca Ski, and HT-29.Searching for anti-HIV-1 protease (PR) inhibitors of Thai medicinal plants led to the isolation of a new cyclohexenyl chalcone named panduratin C and chalcone derivatives from the methanol extract of Boesenbergia pandurata rhizomes. The known compounds were identified to be panduratin A, hydroxypanduratin A, Helichrysetin, 2',4',6'-trihydroxyhydrochalcone, and uvangoletin . The structures of all compounds were elucidated on the basis of chemical and spectroscopic methods.
Pathway	:	Microbiology/Virology
Target	:	HIV
Receptor	:	HIV
Solubility	:	——
SMILES	:	O=C(C1=C(OC)C=C(O)C=C1O)/C=C/C2=CC=C(O)C=C2
Storage	:	(-20℃)
Stability	:	≥ 2 years
Reference	:	

1.Anti-HIV-1 protease activity of compounds from Boesenbergia pandurata.Bioorg Med Chem. 2006 Mar 15;14(6):1710-4.