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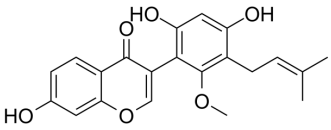
Glicoricone

Cat. No.:	HY-N9329
CAS No.:	161099-37-2
Molecular Formula:	$C_{21}H_{20}O_6$
Molecular Weight:	368.38
Target:	Monoamine Oxidase; Estrogen Receptor/ERR
Pathway:	Neuronal Signaling; Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	Glicoricone, a phenolic compound, is isolated from a species of licorice. Glicoricone is an inhibitor of monoamine oxidase (MAO), with an IC_{50} of 140 μM. Glicoricone binds to estrogen receptor (ER) and shows estrogen antagonist activity[1][2].
IC_{50} & Target	IC50: 140 μM (monoamine oxidase)[1]

REFERENCES

[1]. Hatano T, et, al. Phenolic constituents of licorice. III. Structures of glicoricone and licofuranone, and inhibitory effects of licorice constituents on monoamine oxidase. Chem Pharm Bull (Tokyo). 1991 May;39(5):1238-43.

[2]. Boonmuen N, et, al. Licorice root components in dietary supplements are selective estrogen receptor modulators with a spectrum of estrogenic and anti-estrogenic activities. Steroids. 2016 Jan;105:42-9.

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