

Product Information

α -Asarone

Cat. No.: X23-04-XQ408

Size: 20 mg; 50 mg; 100 mg; 200 mg

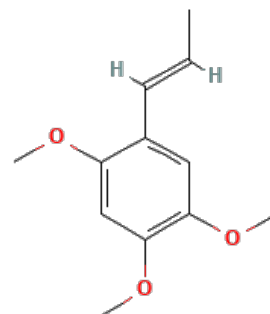
MDL: MFCD00064457

CAS Number: 2883-98-9

Compound CID: 636822

Synonym: 2883-98-9; Asarone; Trans-Isoasarone; Trans-Isoasaron; Asaron; Asarum camphor; Asarabacca camphor; 1,2,4-Trimethoxy-5-propenylbenzene

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	α -Asarone is one of the main psychoactive compounds and possesses an antidepressant-like activity in mice.
Molecular Weight	208.257
Molecular Formula	C ₁₂ H ₁₆ O ₃
IUPAC Name	1,2,4-Trimethoxy-5-[(E)-prop-1-enyl]benzene
InChI	InChI=1S/C12H16O3/c1-5-6-9-7-11(14-3)12(15-4)8-10(9)13-2/h5-8H,1-4H3/b6-5+
InChI Key	RKFAZBXYICVSKP-AATRIKPKSA-N
Canonical SMILES	CC=CC1=CC(=C(C=C1OC)OC)OC
Isomeric SMILES	C/C=C/C1=CC(=C(C=C1OC)OC)OC
Source	<i>Asarum spp.</i> and <i>carrot seed (Daucus carota)</i>
Form	White powder
Purity	>98%, determined by HPLC.
Solubility	It is almost insoluble in water, soluble in ethanol, ether, glacial acetic acid, carbon tetrachloride, chloroform, petroleum ether.
Identity	Confirmed by NMR and MS.
Stability	The product is stable for two years when stored at the recommended temperature.
Melting Point	62-63°C
Applications	α -Asarone can be used for the study of antidepressant-like activity, etc.
Storage	Store at 4°C. Protect from light.



Safety Information

Personal Protective Equipment Gloves, eyeshields, N95 mask
