

**Product Name** : Nardosinone

**Synonyms** : —

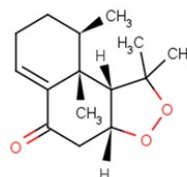
**Cat No.** : M18283

**CAS Number** : 23720-80-1

**Molecular Formula** : C<sub>15</sub>H<sub>22</sub>O<sub>3</sub>

**Formula Weight** : 250.33

**Chemical Name** : —



**Description** : Nardosinone has inhibitory effect on Ang II-induced hypertrophy in H9c2 cells, might be mediated by targeting PI3K/Akt and MEK/ERK signaling pathways. Nardosinone could protect against the neuronal injury exposed to OGD, which may be relevant to the promotion of PKA and ERK signaling pathway. Nardosinone enhances staurosporine- or dbcAMP-induced neurite outgrowth from PC12D cells, probably by amplifying both the MAP kinase-dependent and -independent signaling pathways of dbcAMP and staurosporine. The enhancement of NGF-induced neurite outgrowth from PC12D cells by Nardosinone involves activation of a down-stream step of the MAP kinase-dependent cascade of NGF coupled with PKC.

**Pathway** : Others

**Target** : Other Targets

**Receptor** : Others

**Solubility** : —

**SMILES** : CC1CCC=C2C1(C3C(CC2=O)OOC3(C)C)C

**Storage** : (-20°C)

**Stability** : ≥ 2 years

**Reference** :