

## Product Datasheet

### Nardosinone (Standard) (orb3139878)

<b>Catalog Number</b>	orb3139878
<b>Category</b>	Small Molecules
<b>Description</b>	<p>Nardosinone (Standard) is a reference standard for research and analysis in studies involving Nardosinone. 1. Nardosinone has inhibitory effect on Ang II-induced hypertrophy in H9c2 cells, might be mediated by targeting PI3K/Akt and MEK/ERK signaling pathways. 2. Nardosinone could protect against the neuronal injury exposed to OGD, which may be relevant to the promotion of PKA and ERK signaling pathway. 3. 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. 4. 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.</p>
<b>Target</b>	Others
<b>MW</b>	250.33
<b>CAS Number</b>	23720-80-1
<b>Formula</b>	C <sub>15</sub> H <sub>22</sub> O <sub>3</sub>
<b>SMILES</b>	<chem>C[C@@H]1CCC=C2C(=O)C[C@H]3OOC(C)(C)[C@H]3[C@@]12C</chem>
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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