

Catalog	Unit
TBI1116 - 1G	1 g
TBI1116 - 5G	5 g

### Product Details

**Formal Name:** 2,6-Dimethyl-4-(3-nitrophenyl)-1,4-dihydropyridine-3,5-dicarboxylic acid dimethyl ester

**Molecular Formula:** C<sub>17</sub>H<sub>18</sub>N<sub>2</sub>O<sub>6</sub>

**Formula Weight:** 346.34

**CAS Number:** 21829-25-4

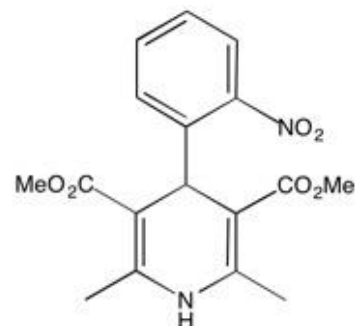
**Purity:** ≥98%

**Formulation:** Powder.

**Solubility:** Soluble in DMSO (up to 25 mg/ml).

**Storage:** RT

**Stability:** ≥ 2 years.



### Applications

L-type Ca<sup>2+</sup> channel blocker

### Functions

Nifedipine is a clinically useful L-type calcium blocker.

### Application Procedures

First dissolved in DMSO (25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

### Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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