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|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Name</b>      | : 1-Methyl-6-oxo-16-dihydropyridine-3-carboxamide                                                                                    |
| <b>Synonyms</b>          | : —                                                                                                                                  |
| <b>Cat No.</b>           | : M21413                                                                                                                             |
| <b>CAS Number</b>        | : 701-44-0 <span>□</span>                                                                                                            |
| <b>Molecular Formula</b> | : C <sub>7</sub> H <sub>8</sub> N <sub>2</sub> O <sub>2</sub>                                                                        |
| <b>Formula Weight</b>    | : 152.15                                                                                                                             |
| <b>Chemical Name</b>     | : —                                                                                                                                  |
| <b>Description</b>       | : 1-Methyl-6-oxo-16-dihydropyridine-3-carboxamide is one of the end degradation products of nicotinamide-adenine dinucleotide (NAD). |
| <b>Pathway</b>           | : Proteasome/Ubiquitin                                                                                                               |
| <b>Target</b>            | : Endogenous Metabolite                                                                                                              |
| <b>Receptor</b>          | : Human Endogenous Metabolite                                                                                                        |
| <b>Solubility</b>        | : DMSO:62.5 mg/mL (41.78 mM)                                                                                                         |
| <b>SMILES</b>            | : <chem>CN(C=C(C=C1)C(N)=O)C1=O</chem>                                                                                               |
| <b>Storage</b>           | : (-20°C)                                                                                                                            |
| <b>Stability</b>         | : ≥ 2 years                                                                                                                          |
| <b>Reference</b>         | :                                                                                                                                    |

1. Rutkowski B et al. N-methyl-2-pyridone-5-carboxamide: a novel uremic toxin Kidney Int Suppl. 2003 May;(84):S19-21.