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## Narciclasine

产品编号: D51411

CAS: 29477-83-6

分子式: C<sub>14</sub>H<sub>13</sub>NO<sub>7</sub>

纯度: ≥98%

InChi: InChi=1S/C<sub>14</sub>H<sub>13</sub>NO<sub>7</sub>/c16-6-1-5-4-2-7-13(22-3-21-7)11(18)8(4)14(20)15-9(5)12(19)10(6)17/h1-2,6,9-10,12,16-19H,3H2,(H,15,20)/t6-,9+,10+,12-/m0/s1

InChi Key: LZAZURSABQIKGB-AEKGRLRDSA-N

Smiles: OC1C2OCOC=2C=C2C=1C(=O)N[C@H]1[C@H](O)[C@H](O)[C@@H](O)C=C21

外观: 固体粉末

作用通路: ROCK

溶解性: Soluble in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: Narciclasine is a toxic alkaloid found in various Amaryllidaceae species. Narciclasine is a potential allelochemical and affects subcellular trafficking of auxin transporter proteins and actin cytoskeleton dynamics in Arabidopsis roots. Narciclasine inhibits the responses of Arabidopsis roots to auxin. Narciclasine modulates polar auxin transport in Arabidopsis roots.