

Product Datasheet

DMNB-T6P (orb2646061)

Description	6-O-Bis-(4,5-dimethoxy-2-nitrobenzyloxyphosphoryl)-D-trehalose is a synthetic compound that disrupts sugar signaling pathways in plants. Upon absorption by plants and exposure to light, it triggers the release of T6P, activating internal signaling pathways. This compound is utilized in research on plant biosynthesis.
Storage	-20°C
Note	For research use only
Formula	$C_{30}H_{41}N_2O_{22}P$
Purity	98.00%
MW	812.62
CAS Number	1404341-58-7
SMILES	<chem>C(OP(OCC1=C(N(=O)=O)C=C(OC)C(OC)=C1)(OC[C@H]2O[C@H](O[C@H]3O[C@H](CO)[C@@H](O)[C@H](O)[C@H]3O)[C@H](O)[C@@H](O)[C@@H]2O)=O)C4=C(N(=O)=O)C=C(OC)C(OC)=C4</chem>
Expiration Date	12 months from date of receipt.

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