

Product Datasheet

B-GPP (orb64043)

Catalog Number	orb64043
Category	Small Molecules
Description	B-GPP is a biotin-labeled analog of geranyl pyrophosphate (GPP). It serves as lipid donor for the native RabGGTase and mutants of GGTase-I and FTase. B-GPP allows for straightforward mammalian prenylome labeling and thus, not only identifying protein prenyl-transferase substrates but efficiently screening for new inhibitors.
Form/Appearance	liquid (Supplied as 1 mM solution in 25 mM (NH ₄) ₂ CO ₃)
Concentration	1 mM
Purity	mass identification conforms (ESI-MS)
MW	Theoretical MW: 555.52 g/mol
Formula	C ₂₀ H ₃₅ N ₃ O ₉ P ₂ S
SMILES	<chem>C1(=O)N[C@@H]2[C@H](N1)[C@@H](SC2)CCCCC(=O)NC/C(=C/CC/C(=C/COP(=O)(O)OP(=O)(O)O)/C)/C</chem>
Storage	store at -20 °C
Note	For research use only
Expiration Date	12 months from date of receipt.

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