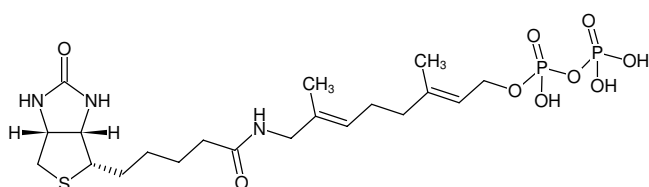


**B-GPP**

Biotin-labeled geranyl pyrophosphate, triethylammonium salt

Cat. No.	Amount
LI-015	20 µl



Structural formula of B-GPP

For general laboratory use.**Shipping:** shipped on gel packs**Storage Conditions:** store at -20 °C**Additional Storage Conditions:** avoid freeze/thaw cycles**Shelf Life:** 12 months**Molecular Formula:** C₂₀H₃₅N₃O₉P₂S**Molecular Weight:** 555.52 g/mol**Purity:** mass identification conforms (ESI-MS)**Form:** liquid (Supplied as 1 mM solution in 25 mM (NH₄)₂CO₃)**Concentration:** 1 mM**Description:**

B-GPP is a biotin-labeled analog of geranyl pyrophosphate (GPP). It serves as lipid donor for the native RabGGTase and mutants of GGase-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.

Selected References:

Kovtun *et al.* (2010) Towards the construction of expressed proteomes using a *Leishmania tarentolae* based cell-free expression system. *PLoS One*. **5** (12):e14388.

Nguyen *et al.* (2009) Analysis of the eukaryotic prenylome by isoprenoid affinity tagging. *Nature Chemical Biology*. **5** (4):227.