



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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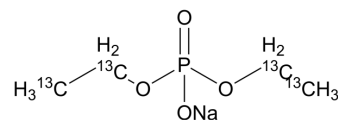
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## Diethyl phosphate-<sup>13</sup>C<sub>4</sub> sodium

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Cat. No.:          | HY-W778140                                                                                |
| CAS No.:           | 1329613-90-2                                                                              |
| Molecular Formula: | <sup>13</sup> C <sub>4</sub> H <sub>10</sub> NaO <sub>4</sub> P                           |
| Molecular Weight:  | 180.05                                                                                    |
| Target:            | Isotope-Labeled Compounds; Bacterial; Parasite                                            |
| Pathway:           | Others; Anti-infection                                                                    |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

|             |                                                                                                                                                                                                                                                                                                                       |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Diethyl phosphate- <sup>13</sup> C <sub>4</sub> (sodium) is the <sup>13</sup> C labeled isotope of Diethyl phosphate- <sup>13</sup> C <sub>4</sub> (sodium)(HY-101417). Diethylphosphate (DEP) is product of metabolism and of environmental degradation of a commonly used insecticide Chlorpyrifos <sup>[1]</sup> . |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### REFERENCES

[1]. Russak, et al. Impact of deuterium substitution on the pharmacokinetics of pharmaceuticals. Annals of Pharmacotherapy 53.2 (2019): 211-267.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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