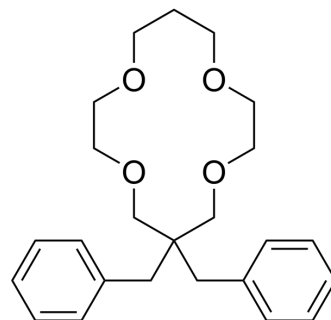


## Dibenzyl-14-crown-4

Cat. No.:	HY-157914
CAS No.:	106868-21-7
Molecular Formula:	C <sub>24</sub> H <sub>32</sub> O <sub>4</sub>
Molecular Weight:	384.51
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Dibenzyl-14-crown-4 (6,6-Dibenzyl-1,4,8,11-tetraoxacyclotetradecane) is a crown ether derivate, which serves as neutral carrier in PVC ion-selective electrode, improves the Li<sup>+</sup> selectivity against Na<sup>+</sup> and K<sup>+</sup>[1].

### REFERENCES

[1]. Kimura K, et al., Lithium ion selective electrodes based on crown ethers for serum lithium assay. Anal Chem. 1987 Oct 1;59(19):2331-4.

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

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