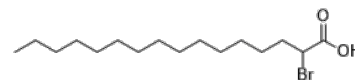


**Product Name** : 2-Bromopalmitate  
**Cat. No.** : PC-25903  
**CAS No.** : 18263-25-7  
**Molecular Formula** : C<sub>16</sub>H<sub>31</sub>BrO<sub>2</sub>  
**Molecular Weight** : 335.33  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



### Biological Activity

2-Bromopalmitate (2-Bromohexadecanoic acid, 2-Bromopalmitic acid) is a broad-spectrum palmitoylation inhibitor, inhibits ZDHHC11-mediated palmitoylation, inhibits palmitoylation of GSDME-C during pyroptosis and inhibits BAK/BAX-Caspase 3-GSDME pathway-mediated pyroptosis.

### References

Hu L, et al. Cell Death Dis. 2020 Apr 24;11(4):281.

Cui H, et al. Proc Natl Acad Sci U S A. 2025 Nov 4;122(44):e2502778122.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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