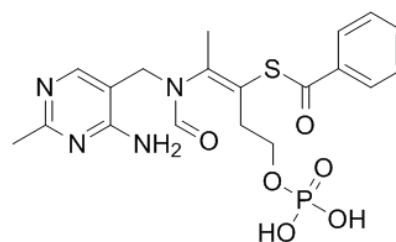


Product Name : Benfotiamine
Cat. No. : PC-45197
CAS No. : 22457-89-2
Molecular Formula : C₁₉H₂₃N₄O₆PS
Molecular Weight : 466.4479
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Benfotiamine is a synthetic S-acyl derivative of thiamine (vitamin B1) that possesses anti-inflammatory effects, upregulates antioxidative system in activated BV-2 microglia cells. Benfotiamine significantly improves the cognitive abilities of mild to moderate AD patients independently of brain amyloid accumulation.

References

- Bozic I, et al. *Front Cell Neurosci.* 2015 Sep 4;9:351.
 Pan X, et al. *Neurosci Bull.* 2016 Dec;32(6):591-596.
 Bozic I, et al. *PLoS One.* 2015 Feb 19;10(2):e0118372.

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

E-mail: tech@probechem.com