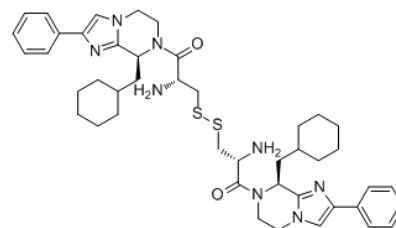


Product Name : BIM-46187
Cat. No. : PC-42621
CAS No. : 892546-37-1
Molecular Formula : C₄₄H₅₈N₈O₂S₂
Molecular Weight : 795.1137
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

BIM-46187 (PH-064)) is a selective small molecule inhibitor of **Gαq/11** proteins, directly binds to the Galpha subunit, prevents the conformational changes of the receptor-G protein complex associated with GPCR activation. BIM-46187 prevents the proper interaction of receptors with the G protein heterotrimer and inhibits the agonist-promoted GDP/GTP exchange. BIM-46187 elicits anti-hyperalgesic properties and synergizes with morphine.

References

Favre-Guilhard C, et al. *Eur J Pharmacol.* 2008 Oct 10;594(1-3):70-6.

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

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