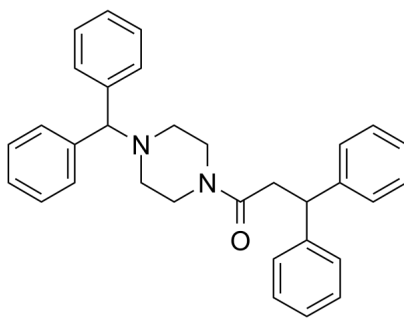


## Data Sheet

### Product Information

Catalog Number	BP16102
Product Name	NP118809
Description	NP118809 is a potent N-type calcium channel blocker(IC50 : 0.11 $\mu$ M).
Targets&IC50	N-type calcium channel:0.11 $\mu$ M
In vitro	NP118809 with a total linker length of 3 carbons (n = 1) and which exhibited approximately a 500-fold increased N-type channel blockade compared to compounds in this series with linkers either shorter (n = 0, 2a) or longer (n = 2 4, (2c e). Examination of the effect of NP118809 on functional L-type calcium channel activity showed that this compound was approximately 111-fold more selective for N-type channels
Synonyms	39-1B4
CAS No.	41332-24-5
Chemical Formula	C32H32N2O
Molecular Weight	460.621
Solubility	DMSO: 50 mg/mL (108.55 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure  
OR  
Tested Image



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v2 Revision on 12/28/2022