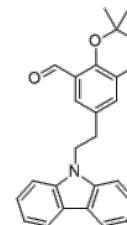


**Product Name** : BJE6-106  
**Cat. No.** : PC-62375  
**CAS No.** : 1564249-38-2  
**Molecular Formula** : C<sub>26</sub>H<sub>23</sub>NO<sub>2</sub>  
**Molecular Weight** : 381.475  
**Target** : PKC  
**Solubility** : 10 mM in DMSO



## Biological Activity

BJE6-106 (B106) is a potent, selective **PKC $\delta$**  inhibitor with IC<sub>50</sub> of 50 nM, displays excellent selectivity over classical PKC isozymes (a 1,000-fold PKC $\delta$  selectivity over PKC $\alpha$ ).

BJE6-106 induces cell growth inhibition in melanoma cell lines with NRAS mutations at nanomolar concentrations.

BJE6-106 induces phosphorylation (activation) of JNK1/2 (T183/Y185) most strongly after two hr of exposure in SBcl2 cells, induces phosphorylation of MKK4, JNK and H2AX in NRAS mutant melanoma WM1366 cells.

## References

Takashima A, et al. *ACS Chem Biol.* 2014 Apr 18;9(4):1003-14.

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

E-mail: tech@probechem.com