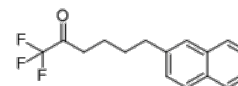


**Product Name** : FKGK18  
**Cat. No.** : PC-36138  
**CAS No.** : 1071001-09-6  
**Molecular Formula** : C<sub>16</sub>H<sub>15</sub>F<sub>3</sub>O  
**Molecular Weight** : 280.29  
**Target** : Phospholipase  
**Solubility** : 10 mM in DMSO



## Biological Activity

FKGK18 (FKGK-18) is a potent, selective inhibitor of **iPLA2** (group VIA Ca<sup>2+</sup>-independent phospholipase A2) with IC<sub>50</sub> of 50 nM.

FKGK18 displays 195 and >455 times more potent for GVIA iPLA(2) than for GIVA cPLA(2) and GV sPLA(2).

FKGK18 inhibits Ca<sup>2+</sup>-independent PLA2 activity in a concentration-dependent manner, similar to S-BEL, which preferentially inhibits cytosol-associated iPLA2β.

FKGK18 a valuable tool to explore the role of GVIA iPLA(2) in cells and in vivo models.

## References

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

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