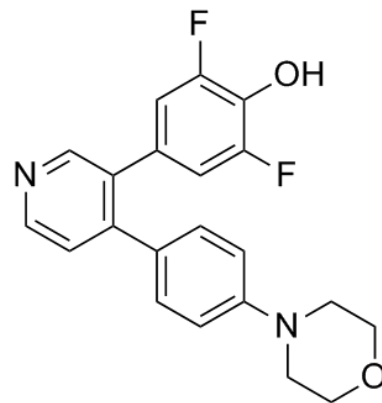


**Product Name** : LJI-308  
**Cat. No.** : PC-45678  
**CAS No.** : 1627709-94-7  
**Molecular Formula** : C<sub>21</sub>H<sub>18</sub>F<sub>2</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** : 368.3766  
**Target** : Ribosomal S6 Kinase (RSK)  
**Solubility** : DMSO: ≥ 32 mg/mL



## Biological Activity

LJI-308 is a potent and specific pan-RSK inhibitor with IC<sub>50</sub>s of 6 nM, 4 nM and 13 nM for RSK1, RSK2 and RSK3 respectively; inhibits Y-box binding protein-1 (YB-1) Ser102 phosphorylation (EC<sub>50</sub> = 0.2-0.3 μM) in MDA-MB-231 cancer cells.

## References

- Jain R, et al. J Med Chem. 2015 Sep 10;58(17):6766-83.  
Aronchik I, et al. Mol Cancer Res. 2014 May;12(5):803-12.  
Davies AH, et al. Oncotarget. 2015 Aug 21;6(24):20570-7.

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

E-mail: tech@probechem.com