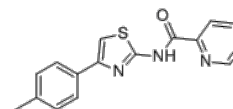


**Product Name** : R805  
**Cat. No.** : PC-20490  
**CAS No.** : 457940-87-3  
**Molecular Formula** : C<sub>16</sub>H<sub>13</sub>N<sub>3</sub>OS  
**Molecular Weight** : 295.36  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



CAS: 457940-87-3

## Biological Activity

R805 is a small molecule modulator of **gp130 receptor** pro-inflammatory signaling, targets a signaling tyrosine 814 (Y814) within gp130, modulates gp130 Y814 upstream of the SRC and MAPK circuit, elicits a protective effect on tissues after injury.

## References

Ruzanna Shkhyan, et al. *Sci Transl Med.* 2023 Mar 22;15(688):eabq2395.

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

E-mail: tech@probechem.com