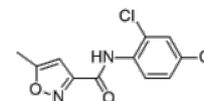


**Product Name** : UTL-5g  
**Cat. No.** : PC-61792  
**CAS No.** : 646530-37-2  
**Molecular Formula** : C<sub>11</sub>H<sub>8</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>2</sub>  
**Molecular Weight** : 271.097  
**Target** : TNF-alpha  
**Solubility** : 10 mM in DMSO



## Biological Activity

UTL-5g (GBL-5g) is a novel potential chemoprotective agent, **TNF- $\alpha$**  inhibitor that reduces cisplatin-induced side effects including nephrotoxicity, hepatotoxicity and hematotoxicity.

UTL-5g lowers elevated levels of AST, ALT, creatinine, BUN, and TNF- $\alpha$ , increases the reduced platelet count in mice.

UTL-5g a novel chemo- and radioprotective agent.

## References

Shaw J, et al. *J Exp Ther Oncol*. 2011;9(2):129-37.

Shaw J, et al. *Cancer Chemother Pharmacol*. 2013 Sep;72(3):703-7.

Carruthers NJ, et al. *Eur J Pharmacol*. 2017 Sep 15;811:66-73.

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

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