

<b>Product Name</b>	: UTL-5g
<b>Synonyms</b>	: 3-Isoxazolecarboxamide, N-(2,4-dichlorophenyl)-5-methyl-; GBL-5g
<b>Cat No.</b>	: M24661
<b>CAS Number</b>	: 646530-37-2
<b>Molecular Formula</b>	: C <sub>11</sub> H <sub>8</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>2</sub>
<b>Formula Weight</b>	: 271.1
<b>Chemical Name</b>	: —
<b>Description</b>	UTL-5g is a novel potential chemoprotective agent, TNF- $\alpha$ inhibitor that reduces cisplatin-induced side effects including nephrotoxicity, hepatotoxicity and hematotoxicity. It lowers elevated levels of AST, ALT, creatinine, BUN, and TNF- $\alpha$ , increases the reduced platelet count in mice, and acts as a novel chemo- and radioprotective agent.
<b>Pathway</b>	: Apoptosis
<b>Target</b>	: TNF
<b>Receptor</b>	: TNF- $\alpha$
<b>Solubility</b>	: DMSO:10 mM
<b>SMILES</b>	: <chem>O=C(C1=NOC(C)=C1)NC2=CC=C(Cl)C=C2Cl</chem>
<b>Storage</b>	: (-20°C)
<b>Stability</b>	: $\geq 2$ years
<b>Reference</b>	:

1.Stephen Brown, et al. UTL-5g Lowers Levels of TGF- $\beta$  and TNF- $\alpha$  Elevated by Lung Irradiation