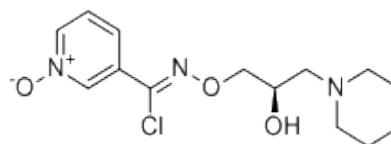


## Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

**Product Name** :Arimoclomol  
**Cat.No.** :URK-V2228  
**CAS No.** :289893-25-0  
**Molecular Formula** :C<sub>14</sub>H<sub>20</sub>ClN<sub>3</sub>O<sub>3</sub>  
**Molecular Weight** :313.782  
**Target** :HSP  
**Solubility** :



### Biological Activity

Arimoclomol (BRX-220) is a nontoxic heat shock protein (HSP) coinducer and potentiator of the heat shock response. Arimoclomol (BRX-220) significantly increases pancreatic levels of HSP60 and HSP72 in vivo, significantly delays disease progression and prevents protein aggregation in the SOD1 mouse model of ALS.

### References

1. Kieran D, et al. Nat Med. 2004 Apr;10(4):402-5.
2. Parfitt DA, et al. Cell Death Dis. 2014 May 22;5:e1236.
3. Rakonczay Z Jr, et al. Free Radic Biol Med. 2002 Jun 15;32(12):1283-92.
4. Kalmar B, et al. J Neurochem. 2008 Oct;107(2):339-50.

*Note:All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!*

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

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