



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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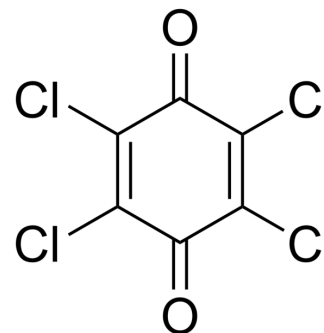
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Chloranil

| | | | |
|--------------------|---|-------|----------|
| Cat. No.: | HY-Y0278 | | |
| CAS No.: | 118-75-2 | | |
| Molecular Formula: | C ₆ Cl ₄ O ₂ | | |
| Molecular Weight: | 245.88 | | |
| Target: | Toll-like Receptor (TLR); MyD88 | | |
| Pathway: | Immunology/Inflammation | | |
| Storage: | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|---|
| Description | Chloranil activates the TLR4 signaling pathway by enhancing the expression of TLR4 and MYD88. Chloranil leads to neuroinflammation and cell damage ^[1] . |
| IC ₅₀ & Target | TLR4 |

REFERENCES

[1]. Fu J, et al. The acute exposure of tetrachloro-p-benzoquinone (a.k.a. chloranil) triggers inflammation and neurological dysfunction via Toll-like receptor 4 signaling: The protective role of melatonin preconditioning. *Toxicology*. 2017 Apr 15;381:39-50.

Caution: Product has not been fully validated for medical applications. For research use only.

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