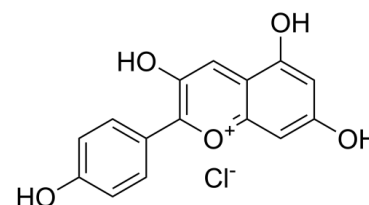


## Data Sheet

<b>Product Name:</b>	Pelargonidin (chloride)
<b>Cat. No.:</b>	CS-W012086
<b>CAS No.:</b>	134-04-3
<b>Molecular Formula:</b>	C <sub>15</sub> H <sub>11</sub> ClO <sub>5</sub>
<b>Molecular Weight:</b>	306.70
<b>Target:</b>	Reactive Oxygen Species
<b>Pathway:</b>	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
<b>Solubility:</b>	10 mM in DMSO



### BIOLOGICAL ACTIVITY:

Pelargonidin chloride is a **scavenger** of nitric oxide radical and has antioxidant activities<sup>[1]</sup>.

### References:

[1]. S A van Acke, et al. Flavonoids as Scavengers of Nitric Oxide Radical. *Biochem Biophys Res Commun.* 1995 Sep 25;214(3):755-9.

### CAIndexNames:

1-Benzopyrylium, 3,5,7-trihydroxy-2-(4-hydroxyphenyl)-, chloride (1:1)

### SMILES:

OC1=CC=C(C2=C(O)C=C3C(C=C(O)C=C3O)=[O+]2)C=C1.[Cl-]

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

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