



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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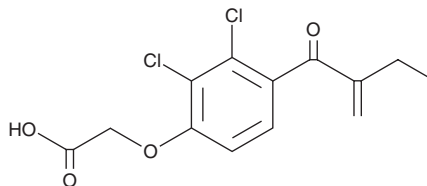
# PRODUCT INFORMATION



## Ethacrynic Acid

Item No. 26299

**CAS Registry No.:** 58-54-8  
**Formal Name:** 2-[2,3-dichloro-4-(2-methylene-1-oxobutyl)phenoxy]-acetic acid  
**Synonyms:** MK-595, NSC 85791, NSC 624008  
**MF:** C<sub>13</sub>H<sub>12</sub>Cl<sub>2</sub>O<sub>4</sub>  
**FW:** 303.1  
**Purity:** ≥98%  
**UV/Vis.:** λ<sub>max</sub>: 268 nm  
**Supplied as:** A crystalline solid  
**Storage:** -20°C  
**Stability:** ≥2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

### Description

Ethacrynic acid (Item No. 26299) is an analytical reference standard categorized as a loop diuretic.<sup>1</sup> Diuretics, including ethacrynic acid, have been used as masking agents in sports doping, including racehorse doping.<sup>2,3</sup> This product is intended for use in analytical forensic applications. This product is also available as a general research tool (Item No. 19536).

### References

1. Kunugi, Y., Hiraoka, Y., Hashimoto, Y., *et al.* Ethacrynic acid-sensitive and ATP-dependent Cl<sup>-</sup> transport in the rat kidney. *Jpn. J. Pharmacol.* **57(2)**, 167-174 (1991).
2. Morra, V., Davit, P., Capra, P., *et al.* Fast gas chromatographic/mass spectrometric determination of diuretics and masking agents in human urine: Development and validation of a productive screening protocol for antidoping analysis. *J. Chromatogr. A* **1135(2)**, 219-229 (2006).
3. Hagedorn, H.W. and Schulz, R. Detection of diuretics in horse urine by GC/MS. *J. Anal. Toxicol.* **16(3)**, 194-198 (1992).

#### WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

#### SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the [complete](#) Safety Data Sheet, which has been sent via email to your institution.

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