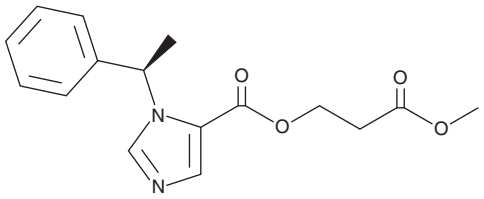
PRODUCT INFORMATION

Methoxycarbonyl Etomidate

Item No. 45259

CAS Registry No.: 1198154-78-7
Formal Name: 1-[(1R)-1-phenylethyl]-1H-Imidazole-5-carboxylic acid, 3-methoxy-3-oxopropyl ester
Synonym: MOC-Etomidate
MF: $C_{16}H_{18}N_2O_4$
FW: 302.3
Purity: ≥98%
Supplied as: A 10 mg/ml solution in acetonitrile
Storage: -20°C
Stability: ≥5 years



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

Description

Methoxycarbonyl etomidate (Item No. 45259) is an analytical reference standard categorized as an anesthetic.[1,2] Methoxycarbonyl etomidate induces loss of the righting reflex in rats. This product is intended for research and forensic applications.

References

1. Cotten, J.F., Husain, S.S., Forman, S.A., *et al*. Methoxycarbonyl-etomidate: A novel rapidly metabolized and ultra-short-acting etomidate analogue that does not produce prolonged adrenocortical suppression. *Anesthesiology* **111(2)**, 240-249 (2009).
2. Pejo, E., Cotten, J.F., Kelly, E.W., *et al*. In vivo and in vitro pharmacological studies of methoxycarbonyl-carboetomidate. *Anesth. Analg.* **115(2)**, 297-304 (2012).

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.

WARRANTY AND LIMITATION OF REMEDY
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