



UNIVERSITY OF
PLYMOUTH

PEARL

Novel etomidate derivatives

Sneyd, J. Robert

Published in:

Current Pharmaceutical Design

DOI:

[10.2174/138161212803832362](https://doi.org/10.2174/138161212803832362)

Publication date:

2012

Link:

[Link to publication in PEARL](#)

Citation for published version (APA):

Sneyd, J. R. (2012). Novel etomidate derivatives. *Current Pharmaceutical Design*, 18(38), 6253-6256. <https://doi.org/10.2174/138161212803832362>

All content in PEARL is protected by copyright law. Author manuscripts are made available in accordance with publisher policies. Wherever possible please cite the published version using the details provided on the item record or document. In the absence of an open licence (e.g. Creative Commons), permissions for further reuse of content should be sought from the publisher or author.

2012-10-29

Novel Etomidate Derivatives

Robert Sneyd, J

<http://hdl.handle.net/10026.1/1541>

10.2174/138161212803832362

Current Pharmaceutical Design

Bentham Science Publishers Ltd.

All content in PEARL is protected by copyright law. Author manuscripts are made available in accordance with publisher policies. Please cite only the published version using the details provided on the item record or document. In the absence of an open licence (e.g. Creative Commons), permissions for further reuse of content should be sought from the publisher or author.

	propofol	etomidate	MOC-etomidate	MOC – etomidate carboxylic acid	carboetomidate	MOC- carboetomidate
potency						
LORR tadpoles, EC ₅₀ μM			8±2	2800±640	5.4±0.5	9±1
LORR rats ED ₅₀ mg/kg	4.1±0.3	1.0±0.03	5.2±1		7.2±2	13.5±5
Half-life in rat blood, min			0.35			1.3

Data are mean±SD. LORR, Loss of Righting Reflex

- Commented [RS1]: Moc etomidate paper
- Commented [RS2]: From carboetomidate paper
- Commented [RS3]: From in vivo moc carboetomidate paper
- Commented [RS4]: Moc etomidate paper
- Commented [RS5]: Moc etomidate paper
- Commented [RS6]: Moc etomidate paper
- Commented [RS7]: Carboetomidate paper