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Novel Etomidate Derivatives

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Current Pharmaceutical Design

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| | 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 |
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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