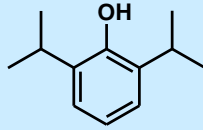


Fluoromethyl 1,1,1,3,3,3-hexafluoroisopropyl ether
(Drug name; sevoflurane)
(CF₃)₂CHOCH₂F

Purity	99%
CAS Number	28523-86-6
Molecular Formula	C ₄ H ₃ F ₇ O
Molecular Weight	200.06

Application	<p>1. A comparison of the inhalation anesthetic sevoflurane and the intravenous anesthetic propofol as anesthetic agents for cardiac surgery. 10,535 cases examined from 1999-2005. Comparison of postoperative 30-day survival rate, myocardial necrosis, and postoperative arrhythmia. Sevoflurane has a higher 30-day survival rate than propofol, and myocardial necrosis is almost the same for both. Propofol was associated with a higher frequency of arrhythmias. Sevoflurane has significantly lower ischemic events than propofol in non-coronary artery bypass surgery. Propofol was also found suitable for emergency surgery.</p> <div style="text-align: center;"><p>Propofol;</p><p><i>J. Cardiothoracic and Vascular Anesthesia, Vol.21, Issue 5, 2007, p664-671</i></p></div> <p>2. Comparison of the inhaled anesthetics sevoflurane and desflurane. Desflurane has been reported to cause tachycardia, hypertension, and bronchospasm in the pediatric population due to its irritating properties. Ventricular tachyarrhythmia was frequently reported in juveniles with desflurane and in elderly with sevoflurane.</p> <div style="text-align: center;"><p>Desflurane; CF₃CHFOCHF₂</p><p><i>Official J. of Anesthesia Patient Safety Foundation News Letter 2021. 02</i></p></div>
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Properties:	
Appearance	-
Boiling point, °C	58
Flash point, °C	
Capacity:	-
Packing:	-
UN, PG:	-