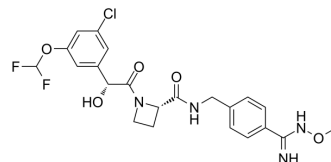


## Atecegatran metoxil

Cat. No.:	HY-10273
CAS No.:	433937-93-0
Molecular Formula:	C <sub>22</sub> H <sub>23</sub> ClF <sub>2</sub> N <sub>4</sub> O <sub>5</sub>
Molecular Weight:	496.89
Target:	Thrombin
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Atecegatran metoxil is an oral anticoagulant, which inhibits thrombin factor II and is used in thromboembolic disorders. In vivo, Atecegatran metoxil is converted to AR-H067637, a selective and reversible direct thrombin inhibitor.

### REFERENCES

- [1]. Lip GY, Rasmussen LH, Olsson SB, et al. Oral direct thrombin inhibitor AZD0837 for the prevention of stroke and systemic embolism in patients with non-valvular atrial fibrillation: a randomized dose-guiding, safety, and tolerability study of four doses of AZD0837 vs. vitamin K antagonists. *Eur Heart J.* 2009;30(23):2897-2907.
- [2]. Olsson SB, Rasmussen LH, Tveit A, et al. Safety and tolerability of an immediate-release formulation of the oral direct thrombin inhibitor AZD0837 in the prevention of stroke and systemic embolism in patients with atrial fibrillation. *Thromb Haemost.* 2010;103(3):604-612.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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