

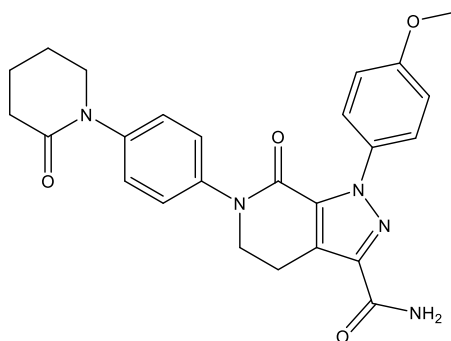
**Catalog # 10-5660**

**Apixaban**

CAS# 503612-47-3

4,5,6,7-Tetrahydro-1-(4-methoxyphenyl)-7-oxo-6-[4-(2-oxo-1-piperidinyl)phenyl]-1H-pyrazolo[3,4-c]pyridine-3-carboxamide

Lot # S107025



Apixaban is a potent and selective inhibitor of both free and prothrombin-bound factor Xa,  $K_i = 0.8 \text{ nM}$ .<sup>1</sup> Clinically useful antithrombotic agent.<sup>2</sup> Apixaban lowered risk of recurrent venous thromboembolism and major bleeding in high-risk patients.<sup>3</sup>

- 1) Turpie *et al.* (2007), *Oral, direct factor Xa inhibitors in development for the prevention and treatment of thromboembolic diseases*; *Arterioscler. Vasc. Biol.*, **27** 1238
- 2) Lai *et al.* (2022), *Effects of oral anticoagulant therapy in patients with pulmonary diseases*; *Front. Cardiovasc. Med.*, **9** 987652
- 3) Cohen *et al.* (2022), *Effectiveness and safety of apixaban vs warfarin among venous thromboembolism patients at high-risk of bleeding*; *PLoS One*, **17** e0274969

**PHYSICAL DATA**

Molecular Weight: 459.51  
Molecular Formula: C<sub>25</sub>H<sub>25</sub>N<sub>5</sub>O<sub>4</sub>  
Purity: >98% by TLC  
NMR: (Conforms)  
Solubility: DMSO (40 mg/ml)  
Physical Description: White solid  
Storage and Stability: Store as supplied desiccated at -20°C for up to 2 years from the date of purchase.  
Solutions in DMSO may be stored at -20°C for up to 2 months.

**Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.**