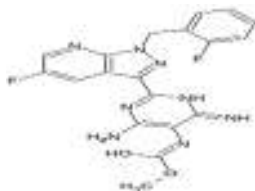


# Vericiguat

**ALTERNATE NAME:** BAY-1021189  
methyl (4,6-diamino-2-(5-fluoro-1-(2-fluorobenzyl)-1H-pyrazolo[3,4-b]pyridin-3-yl)pyrimidin-5-yl)carbamate  
BAY1021189

**CATALOG #:** B3306-5 5 mg  
B3306-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>19</sub>H<sub>16</sub>F<sub>2</sub>N<sub>8</sub>O<sub>2</sub>

**MOLECULAR WEIGHT:** 426.39

**CAS NUMBER:** 1350653-20-1

**APPEARANCE:** Solid

**PURITY:** ≥98%

**SOLUBILITY:** >45 mg/ml DMSO

**DESCRIPTION:** Vericiguat (BAY10-21189), is a potent and orally active sGC (Soluble Guanylate Cyclase) stimulator. sGC catalyzes the formation of cyclic guanosine monophosphate (cGMP), deficiency of which is implicated in the pathogenesis of chronic kidney disease (CKD). Direct stimulation of soluble guanylate cyclase (sGC) is emerging as a potential new approach for the treatment of renal disorders

**STORAGE TEMPERATURE:** -20°C. Protect from light

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

YC-1 (2061)  
BAY 63-2521 (2644)  
BAY 41-2272 (9429)  
BAY 58-2667 (Free base) (2452)  
Ataciguat (B2574)

**DISCLAIMER:** *FOR RESEARCH USE ONLY! Not to be used on humans.*