

**PRODUCT:****AVN-944****ALTERNATE NAME:**

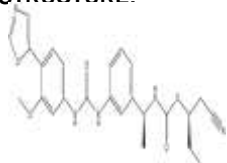
(R)-1-cyanobutan-2-yl ((S)-1-(3-(3-(3-methoxy-4-(oxazol-5-yl)phenyl)ureido)phenyl)ethyl)carbamate; VX-944

**CATALOG #:**

B2230-5,25

**AMOUNT:**

5 mg, 25 mg

**STRUCTURE:****MOLECULAR FORMULA:**C<sub>25</sub>H<sub>27</sub>N<sub>5</sub>O<sub>5</sub>**MOLECULAR WEIGHT:**

477.51

**CAS NUMBER:**

297730-17-7

**APPEARANCE:**

Crystalline solid

**SOLUBILITY:**

DMSO

**PURITY:**

≥98% by HPLC

**STORAGE:**

Store at -20 °C. Protect from light and light

**DESCRIPTION:**

AVN-944 is a potent inosine 5-monophosphate dehydrogenase (IMPDH) inhibitor that displays anticancer activities. AVN-944 inhibits the growth of human prostate cancer cells by inducing cell cycle arrest, cell death as well as differentiation.

**REFERENCES:**

Floryk, D., and Thompson, T.C. (2008). *Int. J. Cancer* **123**, 2294-2302.

**HANDLING:**

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

**USAGE:****FOR RESEARCH USE ONLY! Not to be used in humans**