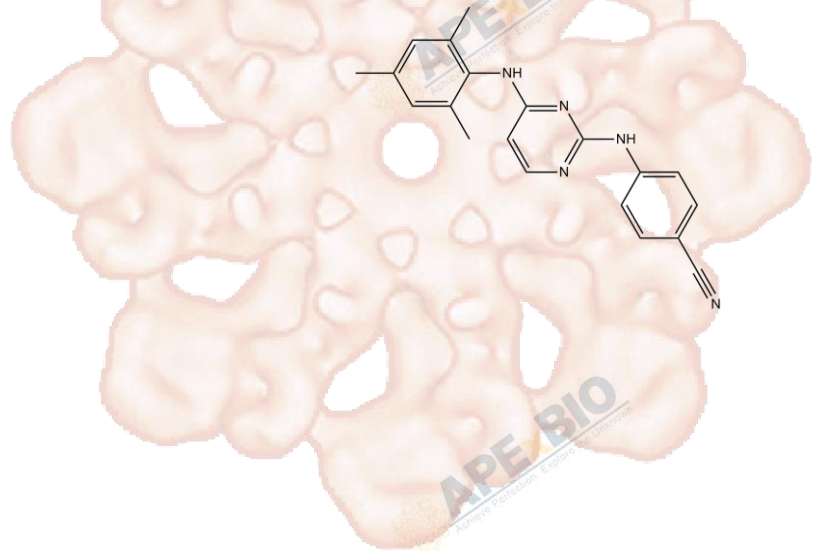


Product Data Sheet

Dapivirine (TMC120)

| | |
|------------------|--|
| Cat. No.: | A8554 |
| CAS No.: | 244767-67-7 |
| Formula: | C ₂₀ H ₁₉ N ₅ |
| M.Wt: | 329.4 |
| Synonyms: | TMC 120;TMC-120 |
| Target: | Microbiology & Virology |
| Pathway: | HIV |
| Storage: | Store at -20°C |



Solvent & Solubility

insoluble in H₂O; ≥13.5 mg/mL in DMSO; ≥5.41 mg/mL in EtOH

In Vitro

| Preparing Stock Solutions | Solvent | Mass | | |
|---------------------------|----------------------|-----------|------------|------------|
| | | 1mg | 5mg | 10mg |
| | Concentration | | | |
| | 1 mM | 3.0358 mL | 15.1791 mL | 30.3582 mL |
| | 5 mM | 0.6072 mL | 3.0358 mL | 6.0716 mL |
| | 10 mM | 0.3036 mL | 1.5179 mL | 3.0358 mL |

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary Nonnucleoside reverse transcriptase inhibitor

IC₅₀ & Target 24 nM (HIV reverse transcriptase)

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

APEX BIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

