



**NIH AIDS Reagent Program**  
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## DATA SHEET

**Reagent:** Etravirine TMC125

**Catalog Number:** 11609

**Lot Number:** 2

**Release Category:** E

**Provided:** 20 mg

**Chemical Name:** 4-[[[6-amino-5-bromo-2-[(4-cyanophenyl)amino]-4-pyrimidinyl]oxy]-3,5-dimethylbenzoyl]nitrile

**Empirical Formula:** C<sub>20</sub>H<sub>15</sub>BrN<sub>6</sub>O

**Molecular Weight:** 435.29

**CAS Num:** 269055-15-4

**Purity:** 100.2% (HPLC)

**Solubility:** Water, 0.01 mg/ml; Methanol, 2.5 mg/mL; Acetone, 45 mg/mL; Ethanol, 1.5 mg/mL; 2-propanol, 0.4 mg/mL; N,N-Dimethylformamide, 200 mg/mL.

**Mechanical Action:** Etravirine, also known as Intelence or TMC125, is an HIV-1 non-nucleoside reverse transcriptase inhibitor (NNRTI). Unlike other NNRTI's, Etravirine is much less susceptible to viral resistance and is active against virus resistant to efavirenz and nevirapine.

**WARNING: Harmful if swallowed. May be harmful by inhalation. This substance is not yet fully tested.**

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ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

<b>Special Characteristics:</b>	All recipients must complete the TMC125 Addendum prior to receipt of this reagent. <a href="#">TMC125 Addendum.pdf</a> Brand name: Intelence
<b>Recommended Storage:</b>	Room temperature. Once resuspended, working aliquots can be stored at –20°C.
<b>Contributor:</b>	Tibotec Pharmaceuticals, Inc.
<b>NOTE:</b>	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Etravirine TMC125 (Cat# 11609) from Tibotec, Inc."  <b>This compound is limited to 40 mg per requester per year.</b>  <b>Requesters from commercial institutes should be directed to Dr. Richard Hoetelmans: <a href="mailto:rhoetelm@tibbe.jnj.com">rhoetelm@tibbe.jnj.com</a>, tel (+) 32 15 461 041, fax (+) 32 15 444 292, Tibotec BVBA, Generaal De Wittelaan L11/B3 Mechelen, Belgium 2800.</b>  <b>Recipient agrees that the reagent (Etravirine) use is permitted only as a standard for in vitro and/or studies in animals for inhibition of HIV replication.</b>
<b>Required Form</b>	TMC125_Addendum.pdf
<b>Last Updated</b>	May 31, 2017

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