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## Product Data Sheet

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able to mobilize calcium in cells transfected with a CXCR4 receptor variant [1].

In vivo: ATI-2341 could induce dose-dependent peritoneal recruitment of polymorphonuclear neutrophils (PMNs) when i.p. administered to mice. However, when systemically administered by i.v. bolus, ATI-2341 acted as an antagonist and could dose-dependently mediate release of PMNs from the bone marrow of mice and cynomolgus monkeys. In addition, ATI-2341-mediated release of granulocyte/macrophage progenitor cells from the bone marrow was further confirmed by colony-forming assays [1].

Clinical trial: Up to now, ATI-2341 is still in the preclinical development stage.

Reference:

[1] Tchernychev B et al. Discovery of a CXCR4 agonist pepducin that mobilizes bone marrow hematopoietic cells. Proc Natl Acad Sci U S A. 2010 Dec 21;107(51):22255-9.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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