



No. 1 ranking in USA DMF filings with world wide expansion Sourcing of all the major U.S generic pharmaceutical companies by MSN's finished APIs Asia's biggest state of R&D center with 1400 dedicated scientists & 42 scientific labs Introduced 17 first in the world generics **Regulatory Accreditations:** • USFDA • WHO:GMP • EUGMP • Germany FDA • Korean FDA





References:

- 2. Chow SC, Endrenyi L, Chi E, Yang LY, Tothfalusi L. (2011). Statistical Issues in Bioavailability/Bioequivalence Studies, Journal of Bioequivalence & Bioavailability.S1.1-8.
- 3. Bioequivalence study of Ticagrelor has been done by Accutest Research Laboratories (I) Pvt. Ltd. (Unit-I).
- * Area under the plasma concentration-time curves
- ** The peak plasma concentration







Good



Brelor 90 is a high-profile Ticagrelor brand in Iran market due to:



- USFDA approved API
- Supplied from MSN pharmaceutical company which is first in the world in active US DMF filings¹
- Formulated under technical supervision of (MSN 🛮 labs (Dossier ANDA No. 208596)
- Bioequivalent to originator based on BE studies

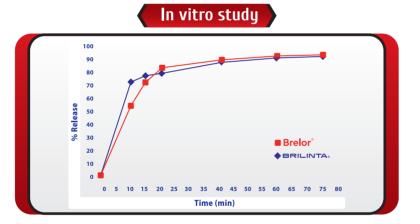




According to comparative studies named BIOEQUIVALENCE:

The test product is claimed to be bioequivalent to the reference product if the calculated %90 confidence interval around the ratio of geometric means of the primary study endpoint (AUC* or Cmax**) is totally within the bioequivalence limits of %80 to 125%.

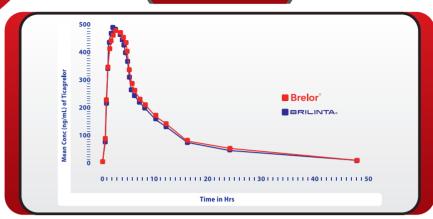
> Brelor 90 is therapeutically equivalent to the originator based on Bioequivalence Studies with objective of pharmacokinetic parameters³



Comparing the release profiles of **Brelor** 90 with BRILINTA 90 based on dissolution rate data

Brelor 90 is equivalent to the originator based on release profile





Objective Assessment of the rate and extent of absorption based on plasma concentration data

- Randomized, open label, balanced, 2 treatments, 2 periods, 2 sequences, single dose, crossover design with 10 day wash out between each study period Test Product: MSN Ticagrelor
- Reference Product: AstraZeneca Ticagrelor
- 43 healthy, adult, male and female volunteers /receiving Ticagrelor under fasting condition

Brelor 90 is equivalent to the originator based on blood absorption profile

- Conclusion Brelor 90 was found to be bioequivalent to the originator based on the FDA requirements for bioequivalence studies
 - Brelor 90 high quality makes it a reliable replacement for Brilinta