

















Figure 6. Dissolution profiles of leflunomide from the liquisolid tablet and the conventional DCT

### CONCLUSION

In conclusion, this study showed that liquisolid technique could be a promising approach in improving dissolution of poorly water soluble drugs and formulating immediate release solid dosage forms. Kolliphor EL proved to be promising liquid vehicle for formulation of liquisolid preparations. Leflunomide tablets formulated from drug: vehicle ratio (1:5) was found to be superior in terms of dissolution properties in comparison with other liquisolid formulation. The improvement in the dissolution characteristics of a liquisolid technique changes the properties of leflunomide particles by simply dispersing the drug particles in the non-volatile liquid vehicle which in turn increase the wetting properties and surface area of drug particles and hence improve the dissolution profiles.

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