Journal of Pharmacokinetics & Experimental Therapeutics

Open Access

Keywords: D e ab ; [redacted] a e c c e ; M a a ; M b a a f a ; B ca a e ; P a ac e c de

Introduction

[redacted] e d f d e ab a ca a ec f a ac , a e e cac , afe , a d a ac e c f a ace ca a e . U de a d d a e e ab /ed e b d e e a f / d a a d / ad e e ec . W e ad a a ac e d d e ab a e e ed ea a e e a d a a de , e e f a a a e ed a a a ab e a d c e e a e d. [redacted] d c de a a e f e e f a a e d f d e ab , e e ca ab e a d a ca . M a a , c d bac a, f , a d ea , e a d e a a f e ab c e e a ca ca a /e a de a e f c e ca a f a [1]. [redacted] e e a b a e e e e b a e a d - e ab / e e , a a e a ed de f d d e ab a a . B a e e ab c ca ab e f a a , e ea c a ca a e, e c da e, a d ed c d e ab eac a c ed ab a e [2].

Description

I e ea f a ac a d d de e e , de a d d a e e ab /ed e b d a c a f / e e cac a d afe e . W e c f e f c ad a fa a e ab c a a , e e f a a a e ed a a a ab e d d e ab . M a a , c d bac a, f , a d ea , e e ab c ca ab e a ca c, c e e , e e a e f a e e . [redacted] a c e e e d a e a c a a e e ed e d f d e ab a d e ca f a ace ca e ea c a d de e e [3].

Microbial transformation: mimicking human metabolism

M a a e a de a a f e e ca ab e f ca a / d e ab eac , c d da ed c

[8,9].

Pharmacokinetic studies: predicting in vivo behavior

Conclusion

References

1. Emwas AH, Szczepski K, Poulson BG, Chandra K, McKay RT, et al. (2020) "Gold Standard" Method in Drug Design and Discovery. Molecules 25: 4597.
2. Li Q, Kang CB (2020) A Practical Perspective on the Roles of Solution NMR Spectroscopy in Drug Discovery. Molecules 25: 2974.
3. Pellecchia M, Bertini I, Cowburn D, Dalvit C, Giralt E, et al. (2008) Perspectives on NMR in drug discovery: A technique comes of age. Nat Rev Drug Discov 7: 738-745.
4. Shuker SB, Hajduk PJ, Meadows RP, Fesik SW (1996) Discovering high-a f nity ligands for proteins: SAR by NMR. Science 274: 1531-1534.
5. Lamoree B, Hubbard RE (2017) Current perspectives in fragment-based lead discovery (FBLD). Essays Biochem 61: 453-464.
6. Harner MJ, Frank AO, Fesik SW (2013) Fragment-based drug discovery using NMR spectroscopy. J Biomol NMR 56: 65-75.
7. Li Q (2020) Application of Fragment-Based Drug Discovery to Versatile Targets. Front Mol Biosci 7: 180.
8. Murray CW, Rees DC (2009) The rise of fragment-based drug discovery. Nat Chem 1: 187-192.
9. Ayotte Y, Murugesan JR, Bilodeau F, Larda S, Bouchard P, et al. (2017) Discovering Quality Drug Seeds by Practical NMR-based Fragment Screening. Protein Sci 26: 194-195.
10. Erlanson DA, Fesik SW, Hubbard RE, Jahnke W, Jhoti H (2016) Twenty years on: The impact of fragments on drug discovery. Nat Rev Drug Discov 15: 605-619.