

## Additions and Corrections

### Synthesis and spectral studies of some bio-active aryl bis-enones

(*Indian J Chem* 65, February 2026, pp. 145-163)

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In the **References** section appearing on page 162–163, of the 52 references in all, the references 48 to 52 have been inadvertently omitted from the final article. The complete **References** section (including the omitted references) is shown here:

#### References

- 1 Liabadi R S, Mahmoodi NO, Ghafoori H, Roohi H & Pourghasem V, *Res Chem Intermed*, 44 (2018) 2999.
- 2 Raju K, Vinod J & Mulukuri S, *Int J Res Pharm Chem*, 7 (2017) 585.
- 3 Durgapal S D, Soman S S, Umar S & Balakrishnan S, *Synth Comm*, 50 (2020) 2502.
- 4 Husain A, Javed S, Mishra R, Rashid M & Bhutani R, *Pharmacophore*, 2 (2011) 280.
- 5 Go M L, Wu X & Liu X L, *Curr Med Chem*, 12 (2005) 483
- 6 Iwata S, Nishino T, Inoue H, Nagata N, Satomi Y & Nishino H, *Biol Pharm Bull*, 20 (1997)1266.
- 7 Prabhudev S M, Sultana S, Singh K Kallur H J & Yasmeen B, *World J Phar Res*, 9 (2020) 1445.
- 8 Siddiqui Z N & Khan T, *J Braz Chem Soc*, 25 (2014) 1002
- 9 Gajbhiye J M & Jamode V S, *Asian J Chem*, 13 (2001) 363.
- 10 Gomha S M, Edrees M M & Altalbawy F M A, *Int J Mol Sci*, 17 (2016). (<https://doi.org/10.3390/ijms17091499>).
- 11 Gurdere M B, Ozbek O & Ceylan M, *Synth Comm*, 46 (2016) 322.
- 12 Nagaraj A & Sanjeeva Reddy C, *Iran J Chem Soc*, 5 (2008) 262.
- 13 Ganesan R, Avupati VR & Shabi M M, *Indo Am J Pharm Sci*, 4 (2017) 670.
- 14 Arslan T, Celik G, Celik H, Senturk M, Yayli N & Ekinci D, *Arch Pharm*, 349 (2016) 741.
- 15 Thirunarayanan G, *Indian J Chem*, 46B (2007) 1511.
- 16 Gaonkar S L & Vignesh U N, *Res Chem Intermed*, 43 (2017) 6043.
- 17 Farooq S & Ngaini Z, *Curr Org Cat*, 6 (2019) 184.
- 18 Burmaoglu S, Gobek A, Aydin B O, Yurtoglu E, Aydin B N, Ozkat G Y, Hepokur C, Ozek N S, Aysin F, Altundas R & Algul O, *Bioorg Chem*, 111 (2021) 104882. (<https://doi.org/10.1016/j.bioorg.2021.104882>).
- 19 Jung C, Lee Y, Min D, Jung M & Oh S, *Molecules*, 22 (2017) 1872.
- 20 Arulkumar R, Vijayakumar S, Sundararajan R, Sakthi-nathan S P, Kamalakkannan D, Suresh R, Ranganathan K, Vanangamudi G & Thirunarayanan G, *Int Lett Chem Phys Astro*, 4 (2012) 17.
- 21 Pereira R, Silva A M S, Ribeiro D, Silva V L M & Fernandes E, *Euro J Med Chem*, 252 (2023) 115280. <http://dx.doi.org/10.1016/j.ejmech.2023.115280>
- 22 Jose N, Dominguez N, Rodrigues J, Maria Eugenia Acosta A M, Caraballo N & León C, *J Enzym Inhibit Med Chem*, 28 (2012) 1267.
- 23 Raj C G D, Sarojini B, Bhanuprakash V, Yogisharadhya R, Kumar Swamy B E & Raghavendra R, *Med Chem Res*, 21 (2011) 2671.
- 24 Burmaoglu S, Ozcan S, Balcioglu S, Gencel M, Noma S A, Essiz S, Ates B & Algul O, *Bioorg Chem*, 91 (2019) 103149.
- 25 Tala-Tapeh S M, Mahmoodi N O & Vaziri A, *Bull Appl Res Sci*, 4 (2014) 63.
- 26 Polo E, Ibarra-Arellano N, Prent-Penaloza L, Morales-Bayuelo A, Henao J, Galdamez A & Gutierrez M, *Bioorg Chem*, 90 (2019) 103034.
- 27 Vanangamudi G, Subramanian M & Thirunarayanan G, *Arabian J Chem*, 10 (2017) S1254.
- 28 Cai C Y, Rao L, Rao L Y, Guo J X, Xiao Z Z, Cao J Y, Huang Z S & Wang B, *Eur J Med Chem*, 130 (2017) 51.
- 29 Wang Y, Curtis-Long M J, Lee B W, Yuk H J, Kim D W, Tan X F & Park K H, *Bioorg Med Chem*, 22 (2014) 1115.
- 30 Muthuvel I, Dineshkumar S, Thirumurthy K, Krishnakumar B & Thirunarayanan G, *Indian J Chem*, 55B (2016) 252.
- 31 Insuasty D, Garcia S, Abonia R, Insuasty B, Quiroga J, Nogueras M, Cobo J, Borosky G L & Kenneth K, *Arch Pharm*, 354 (2021) e2100094.
- 32 Wei X, Du Z, Zheng X, Cui X, Conney A H & Zhang K, *Euro J Med Chem*, 53 (2012) 235.
- 33 Syahri U, Yuanita E, Nurohmah B A, Armunanto R & Purwono B, *Asian Pacific J Trop Biomed*, 7 (2017) 675.
- 34 P Gayathri, J Divya, I Muthuvel, V Usha, Malar Retna & G Thirunarayanan, *Indian J Chem*, 64 (2025) 670.
- 35 Mayavel P, Divya J, Gayathri P, Balasundari S, Usha V, Muthuvel I, Krishnakumar B, Shivakumara K N, Gurusamy R & Thirunarayanan G, *Res Chem Intermed*, 50 (2024) 4503.
- 36 Malar Retna A, Muthuvel I, Usha V & Thirunarayanan G, *Indian J Nat Sci*, 15 (2024) 76584.

- 37 Nalini S, Muthuvel I & Thirunarayanan G, *Indian J Nat Sci*, 14 (2023) 60659.
- 38 Kamalakkannan D, Senbagam R, Vanangamudi G & Thirunarayanan G, *J Mol Struct*, 1264 (2022) 133218.
- 39 Swain C G & Lupton E C J, *J Am Chem Soc*, 90 (1968) 4328.
- 40 Bauer A W, Kirby W M M, Sherris J C & Truck M, *Am J Cli Pathol*, 45 (1996) 493.
- 41 Venkatraman R, Divya J, Gayathri P, Muthuvel I & Thirunarayanan G, *Indian J Chem*, 64(2025) 465.
- 42 Gayathri P, Muthuvel I, Mayavel P, Ranganathan K, Usha V, Mala V & Thirunarayanan G, *Ovidius Univ Annal Chem*, 36 (2025) 66.
- 43 Muthuvel I, Divya J, Gayathri P, Balasundari S, Sudha P, Palanivel C, Krishnakumar C, Manikandan V, Alanazi A K & Thirunarayanan G, *Indian J Chem*, 64 (2025) 942.
- 44 Muthuvel I, Manikandan S, Thirunarayanan G, Usha V & Sathiyendiran V, *Indian J Chem*, 62 (2023) 131.
- 45 Usha V, Thirunarayanan G & Manikandan S, *Indian J Chem*, 61 (2022) 521.
- 46 John Joseph S, Ranganathan K, Suresh R, Arulkumaran R, Sundararajan R, Kamalakkannan D, Sakthinathan S P, Vanangamudi G, Dineshkumar S, Thirumurthy K, Muthuvel I, Thirunarayanan G & Viveksarathi V, *Mat Sci Appl Chem*, 34 (2017)12.
- 47 Silva C C D, Pacheco B S, Neves R N D, Alves M S D, Lopes A S, Moura S, Sibebe B & Pereira C M P D, *Bio Pharm*, 111 (2019) 367.
- 48 Abubakar S, Khairuddean M, Ismail N Z, Salhimi S M, Al-Amin M & Wahyuningsih D T, *Res Chem*, 7 (2024) 101464.
- 49 Shetty D, Kim Y J, Shim H & Snyder J P, *Molecules*, 20 (2015) 249.
- 50 Manohar S, Chakravarthy N S P, Nageswara Rao G & Siva Kumar B, *J Biol Res*, 35 (2018) 996.
- 51 Santosa H, Sumartha I G A, Kesuma D & Yuniarta T A, *Res J Pharm Tech*, 17 (2024) 3246.
- 52 Tutra U, Kocyigit U M & Gezegen H, *J Biochem Mol Toxicol*, 33 (2018) e22281.

The error is regretted.