The sources below include peer-reviewed, third-party scientific research that provides context for specific ingredients and formulation approaches used in infant nutrition."

A. Infant Formula Safety and Nutritional Adequacy

These studies evaluate the safety and nutritional suitability of infant formulas designed for healthy term infants.

1. **Fleming, S. A., Flunkert, S., Kvistgaard, A. S., McGrath, J., & Glover, D. K. (2025).** *New infant formulas for healthy term infants: A randomized, controlled, double-blind, multicenter, non-inferiority design safety study*. **PLoS One**, 20(12), e0336689. https://doi.org/10.1371/journal.pone.0336689

B. Sleep, Chrononutrition, and Tryptophan Research

These publications provide background on sleep development and nutrient timing in infants.

2. **Aparicio, S., Garau, C., Esteban, S., Nicolau, M. C., Rivero, M., & Rial, R. V. (2007).** Chrononutrition: Use of dissociated day/night infant milk formulas to improve the development of wake-sleep rhythms. Effects of tryptophan. **Nutritional Neuroscience**, 10(3–4), 137–143.
3. **Galland, B. C., Taylor, B. J., Elder, D. R., & Herbison, P. (2012).** Normal sleep patterns in infants and children: A systematic review of observational studies. **Sleep Medicine Reviews**, 16(3), 213–222.

C. Structured Lipids (sn-2 / β-palmitate) and Gastrointestinal Outcomes

These studies explore the effects of structured triglycerides on digestion, stool characteristics, crying, and microbiota composition.

4. **Bar-Yoseph, F., Lifshitz, Y., & Cohen, T. (2013).** Review of sn-2 palmitate oil implications for infant health. **Prostaglandins, Leukotrienes and Essential Fatty Acids**, 82(4–6), 195–197.
5. **Kennedy, K., Fewtrell, M. S., Morley, R., et al. (1999).** Double-blind, randomized trial of a synthetic triacylglycerol in formula-fed term

infants.
The American Journal of Clinical Nutrition, 70(5), 920–927.

6. **Litmanovitz, I., Bar-Yoseph, F., Lifshitz, Y., et al. (2014).**
   Reduced crying in term infants fed high beta-palmitate formula.
   BMC Pediatrics, 14, 1–6.
7. **Nowacki, J., Lee, H.-C., Lien, R., et al. (2014).**
   Stool fatty acid soaps, stool consistency and gastrointestinal tolerance in term infants fed formulas containing high sn-2 palmitate.
   Nutrition Journal, 13, 105.
8. **Savino, F., Palumeri, E., Castagno, E., et al. (2006).**
   Reduction of crying episodes owing to infantile colic: A randomized controlled study.
   European Journal of Clinical Nutrition, 60, 1304–1310.
9. **Yaron, S., Shachar, D., Abramas, L., et al. (2013).**
   Effect of high β-palmitate content in infant formula on intestinal microbiota.
   Journal of Pediatric Gastroenterology and Nutrition, 56(4), 376–381.

D. Protein Composition and Digestive Tolerance

These publications provide background on protein quality and composition in infant formulas.

10. **Heine, W., Radke, M., Wutzke, K. D., Peters, E., & Kundt, G. (1996).**
    Alpha-lactalbumin-enriched low-protein infant formula: A comparison to breast-milk feeding.
    Acta Paediatrica, 85(9), 1024–1028.
11. **Kuehn, D. K., Zeisel, S. H., Orenstein, D. F., et al. (2022).**
    Effects of a novel high-quality protein infant formula on energetic efficiency and tolerance.
    Journal of Pediatric Gastroenterology and Nutrition, 75(4), 521–528.