

2-Hydroxy-4-methoxybenzophenone (2H4MBP) – Reproductive Toxicity

Hsd:Sprague Dawley SD rats

- *Equivocal evidence of reproductive toxicity*
 - Decrease in F₂ litter size in both the prenatal and reproductive performance cohorts.

Name of who makes motion	Linda Roberts	
Name of who seconds motion	Brian Enright	
Panelist	Vote ☒	Reason for No/Abstaining
Brian Enright	☒ Yes ☐ No ☐ Abstain	
Bethany Hannas	☒ Yes ☐ No ☐ Abstain	
Linda Roberts	☒ Yes ☐ No ☐ Abstain	
Mary Alice Smith	☒ Yes ☐ No ☐ Abstain	
Total	Yes: 4 No: 0 Abs.: 0	
Chair (tie vote, if needed)	☐ Yes ☐ No ☐ Abstain	

2-Hydroxy-4-methoxybenzophenone (2H4MBP) – Developmental Toxicity

Hsd:Sprague Dawley SD rats

- *Some evidence of developmental toxicity*
 - Observed postnatal growth retardation.
- The relationship of the increased occurrence of diaphragmatic and hepatodiaphragmatic hernias in F₁ adults and F₂ pups to 2H4MBP exposure is unclear.

Name of who makes motion	Mary Alice Smith	
Name of who seconds motion	Linda Roberts	
Panelist	Vote ☒	Reason for No/Abstaining
Mary Alice Smith	☒ Yes ☐ No ☐ Abstain	
Brian Enright	☒ Yes ☐ No ☐ Abstain	
Bethany Hannas	☒ Yes ☐ No ☐ Abstain	
Linda Roberts	☒ Yes ☐ No ☐ Abstain	
Total	Yes: 4 No: 0 Abs.: 0	
Chair (tie vote, if needed)	☐ Yes ☐ No ☐ Abstain	

2-Hydroxy-4-methoxybenzophenone (2H4MBP) – Other Effects

Hsd:Sprague Dawley SD rats

- Exposure to 2H4MBP was not associated with signals consistent with alterations in estrogenic, androgenic, or antiandrogenic action.
- Exposure to 2H4MBP was associated with lower F₁ and F₂ mean body weights; this effect on body weight contributed to the apparent 2H4MBP-related decreases in male reproductive organ weights.
- Mating and littering were not significantly affected by 2H4MBP exposure.
- Exposure to 2H4MBP was associated with nonneoplastic kidney lesions in the F₀, F₁, and F₂ generations.
- Expected estrogenic responses were observed in the ethinyl estradiol (EE) group.

Name of who makes motion	Bethany Hannas	
Name of who seconds motion	Linda Roberts	
Panelist	Vote <input checked="" type="checkbox"/>	Reason for No/Abstaining
Linda Roberts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain	
Mary Alice Smith	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain	
Brian Enright	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain	
Bethany Hannas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain	
Total	Yes: 4 No: 0 Abs.: 0	
Chair (tie vote, if needed)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Abstain	