

Quinine Acesulfamates

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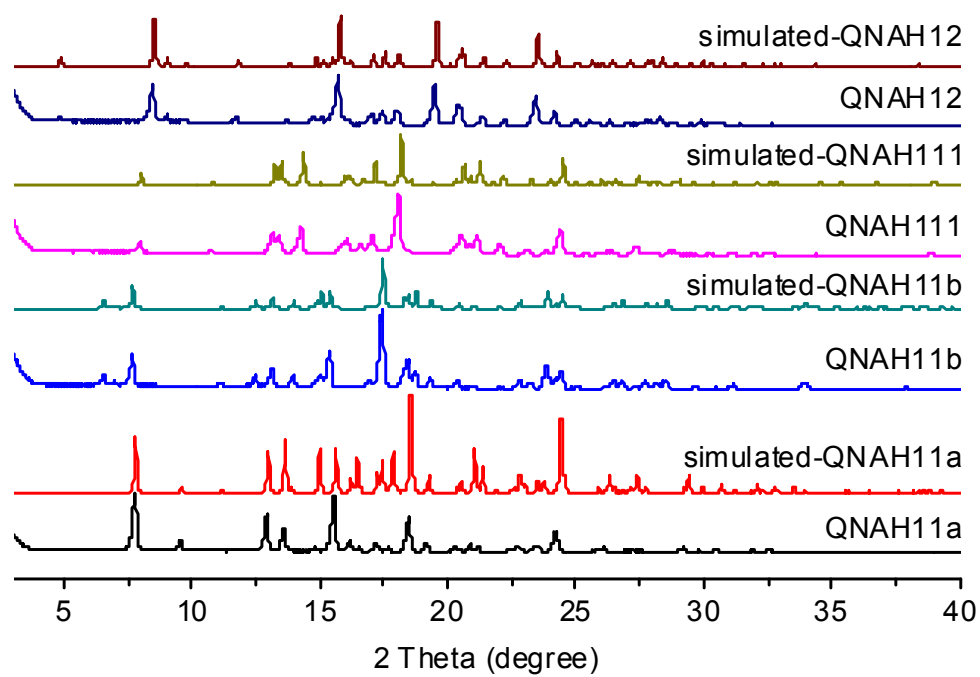


Figure S1. Experimental and simulated powder XRD patterns of QNAH11a, QNAH11b, QNAH111, and QNAH12.

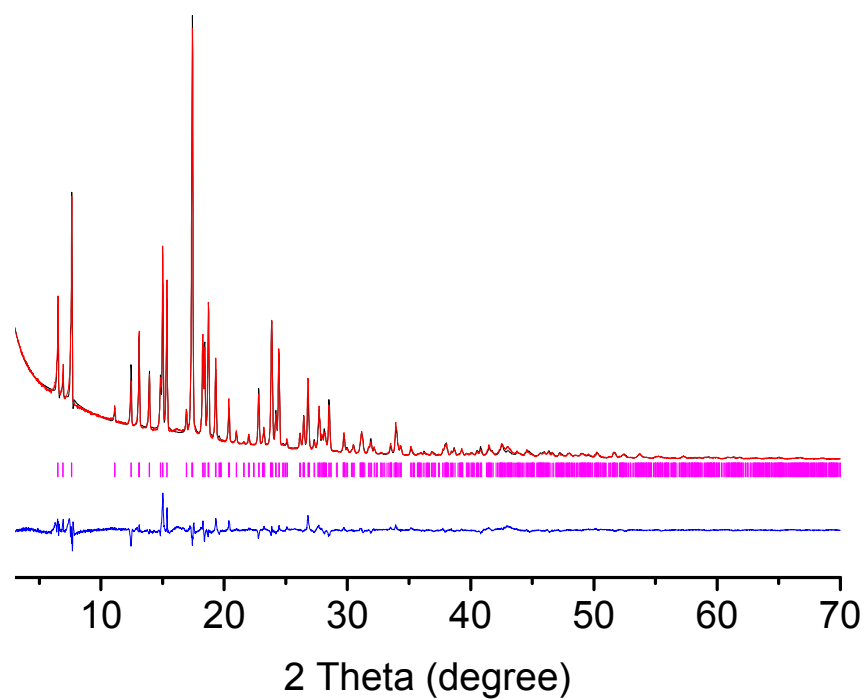


Figure S2. Experimental powder XRD pattern (red), Rietveld simulated powder XRD pattern (black), and their difference profile (blue) of QNAH11b. The observed reflections are also marked (darkcyan). Residual variances: $R_{wp} = 5.96\%$, $R_p = 4.26\%$.

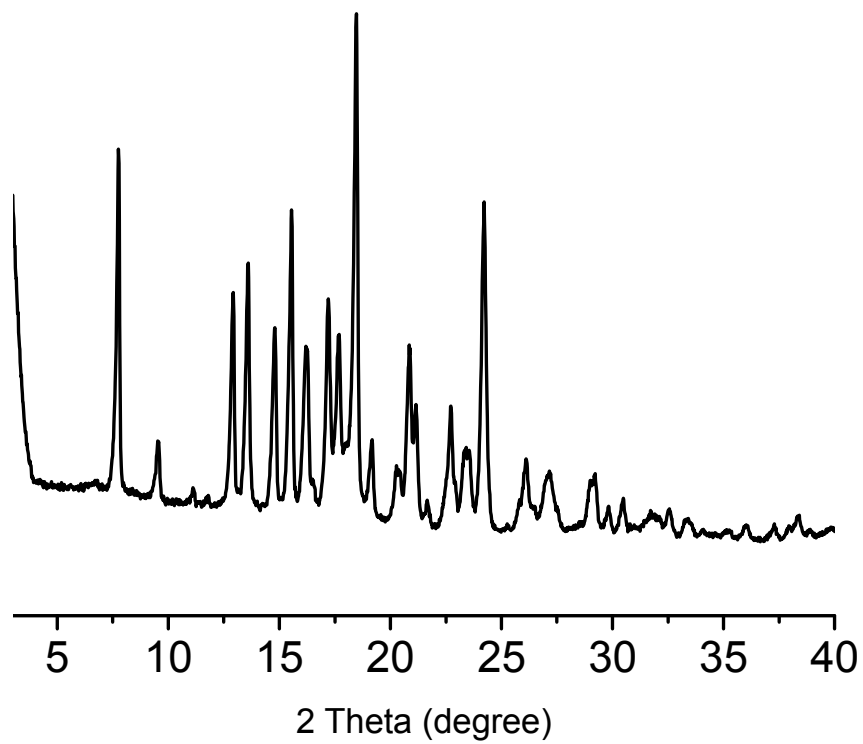


Figure S3. Powder XRD pattern of QNAH111 after dehydration.

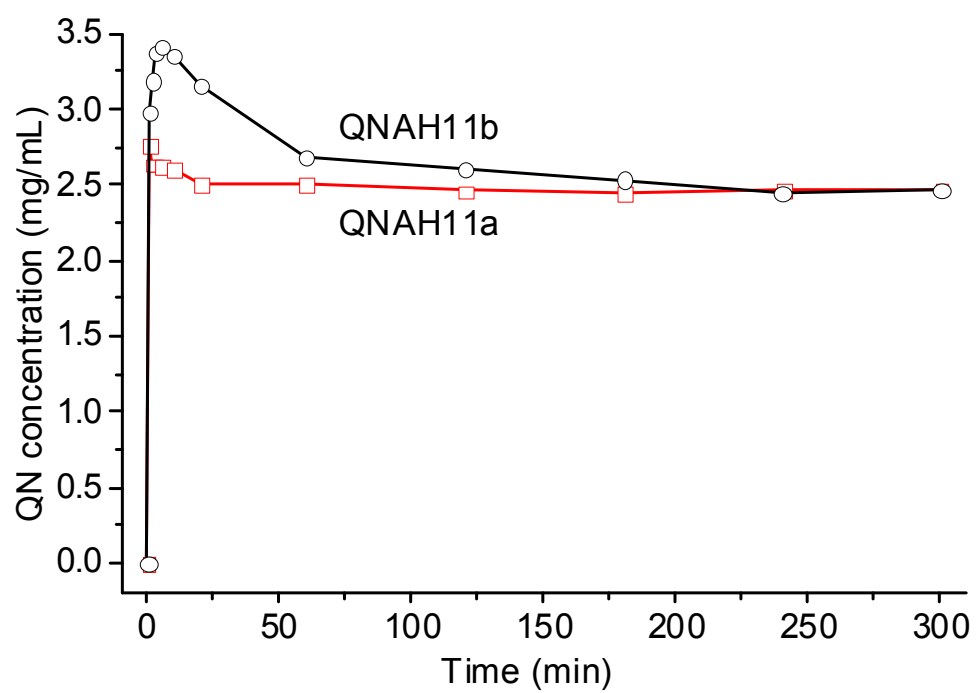


Figure S4. Dissolution curves of QNAH11a and QNAH11b in water at 37 °C.

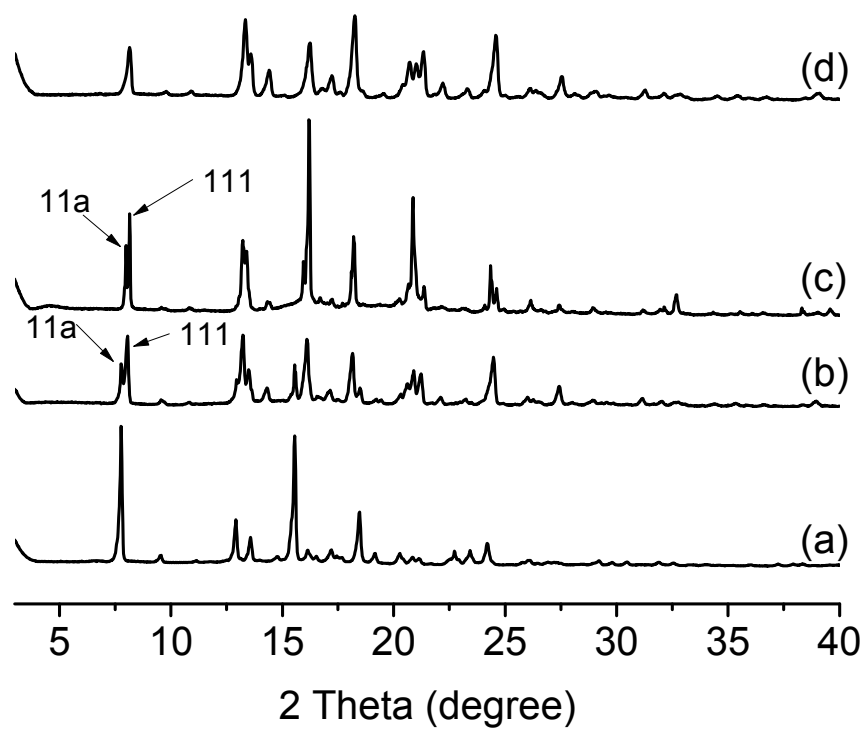


Figure S5. Powder XRD pattern of QNAH11a after moisture stability test under 40% (a), 60% (b), 75% RH (d), and QNAH111 after moisture stability test under 60% RH (c).

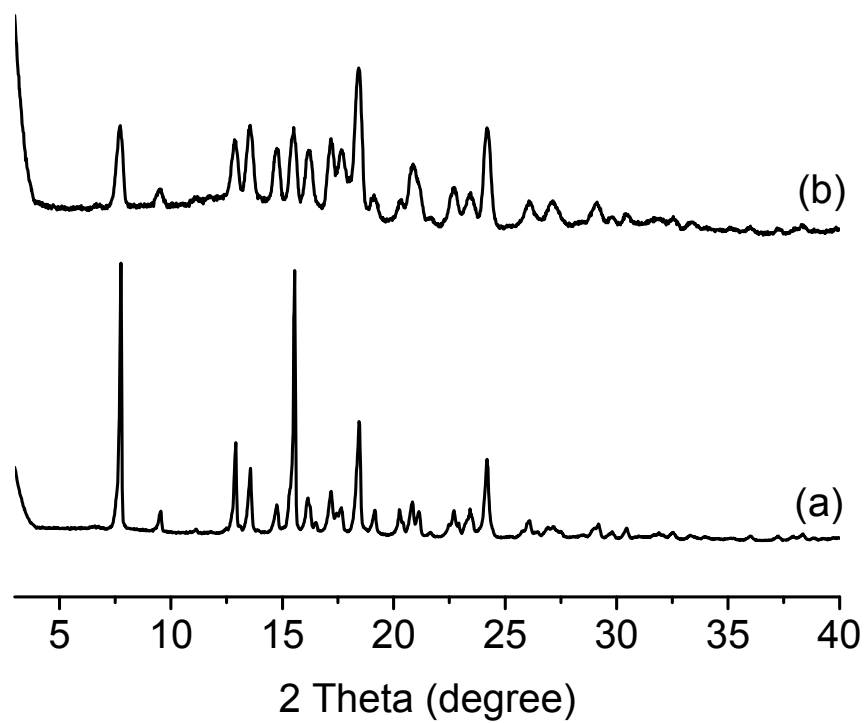


Figure S6. Powder XRD pattern of QNAH11a obtained from QNAH111 (a) under condition e (see **Scheme 3** in the main text), and from QNAH11b (b) under condition f (see **Scheme 3** in the main text).

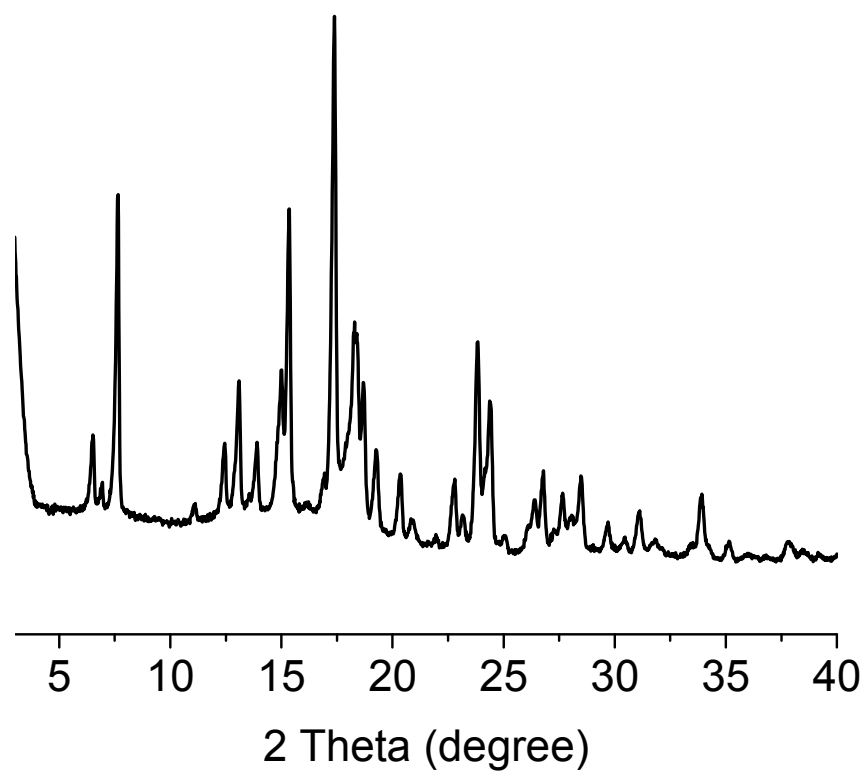


Figure S7. Powder XRD pattern of QNAH11b obtained from QNAH12 under condition b (see **Scheme 3** in the main text).

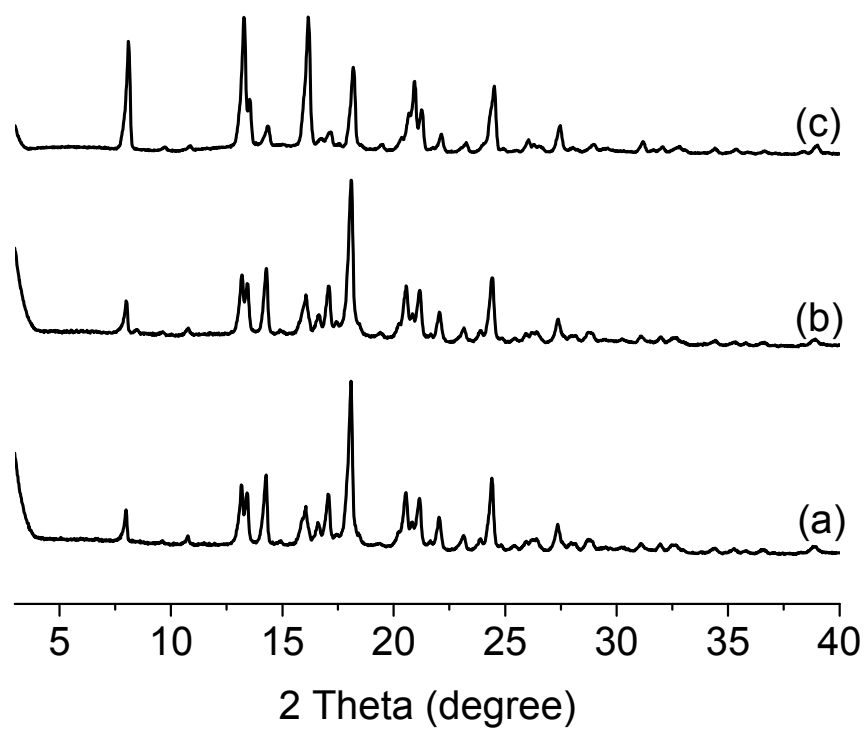


Figure S8. Powder XRD pattern of QNAH111 obtained from QNAH11a (a) under condition b (see **Scheme 3** in the main text), from QNAH11b (b) under condition b (see **Scheme 3** in the main text), and from QNAH12 (c) under condition c (see **Scheme 3** in the main text).

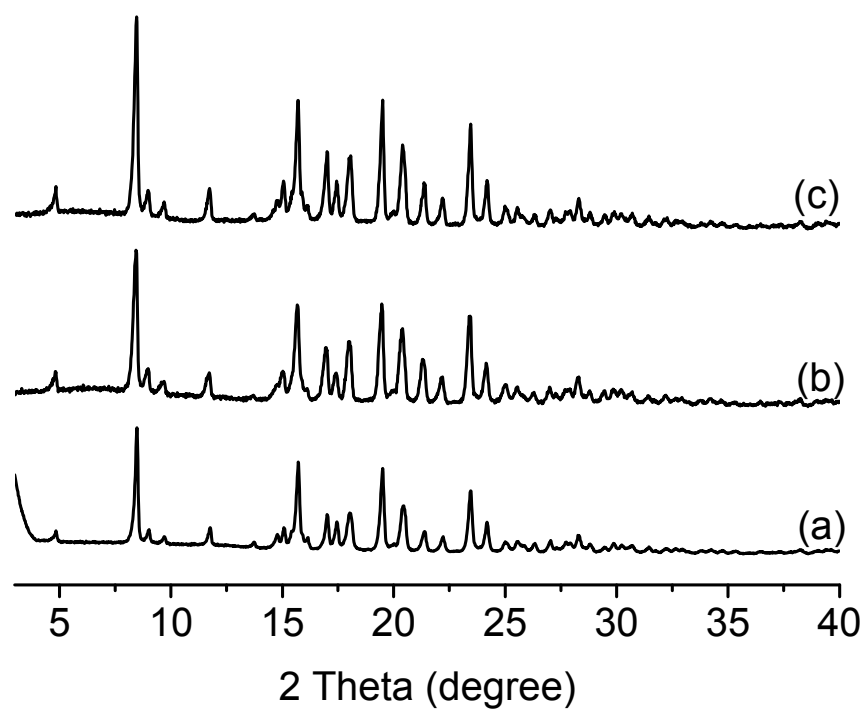


Figure S9. Powder XRD pattern of QNAH11 obtained from QNAH11a (a), QNAH11b (b), and QNAH111 (c) under condition a (see **Scheme 3** in the main text).