$$2K = \frac{\eta(\eta H)}{2}$$

$$2K^{2} = \frac{\eta(\eta H)(2\eta H)}{6}$$

$$2K^{3} = \left(\frac{\eta(\eta H)}{2}\right)^{2}$$

$$2K(KH) = \frac{\eta(\eta H)(\eta H^{2})}{3}$$

$$2K(KH) = 2K^{2} + 2K$$

$$= \frac{\eta(\eta H)(2\eta H)}{6} + \frac{\eta(\eta Y \eta H)}{6}$$

$$= \frac{\eta(\eta H)(2\eta H^{2})}{3}$$

$$= \frac{\eta(\eta H)(\eta H^{2})}{3}$$