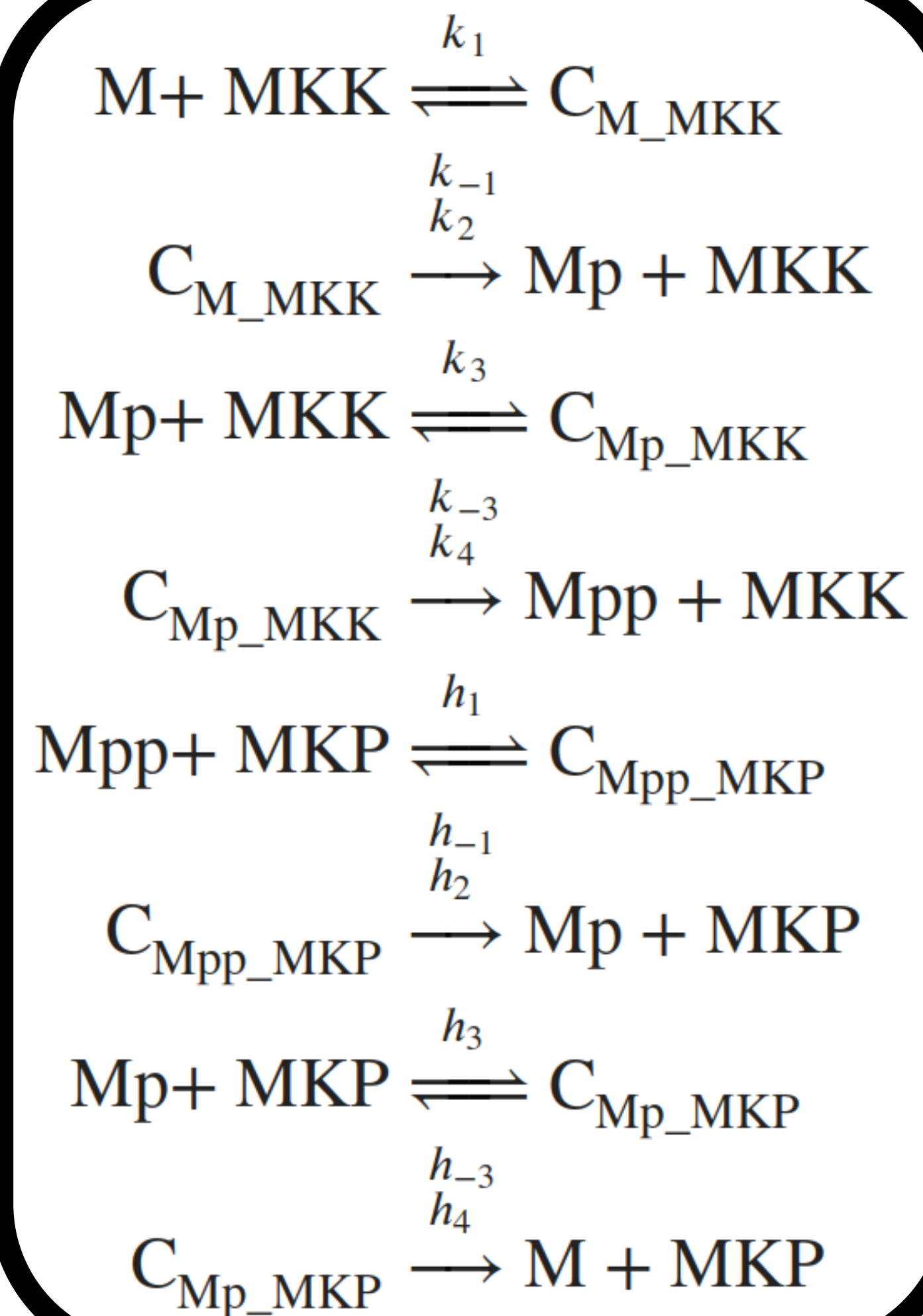


a Chemical Reaction Network**b** DSL-based model declaration

```
using Catalyst
erk_model = @reaction_network begin
    (k1, k-1), M + MKK <--> C_M_MKK
    k2, C_M_MKK --> Mp + MKK
    (k3, k-3), Mp + MKK <--> C_Mp_MKK
    k4, C_Mp_MKK --> Mpp + MKK
    (h1, h-1), Mpp + MKP <--> C_Mpp_MKP
    h2, C_Mpp_MKP --> Mp + MKP
    (h3, h-3), Mp + MKP <--> C_Mp_MKP
    h4, C_Mp_MKP --> M + MKP
end
```

