name = 'C'
$$c_0 = 0$$
species = None

name = 'A'
$$c_0 = 0$$
species = None

name = 'I'
$$c_0 = 0$$
species = None

name = 'B'
$$c_0 = 0$$

$$species = None$$

name = 'P' $c_0 = 0$ species = None