Tuck, 2016 NAD+ **NADH** H_2N H₂N² enzyme-bound thioester Cys₂₆₉ intermediate H₂N Cys₂₆₉ Cys₂₆₉ His₃₈₇ CoASH Coenzyme A trans thioesterification `Cys₂₆₉ CoAS-H CoAS' H-N" CoAS thioester Cys₂₆₉ product His₃₈₇

GIပ်₃₅₇