Hereditary angioedema (HAE) is a rare disease caused by mutations in the C1 inhibitor (C1-INH) gene, resulting in deficiency of C1-INH protein or function.

Methods

The PK parameters for OLE 300 mg q2wks rollovers were similar to those for OLE 300 mg q2wks nonrollovers.

Objective

A population PK/PD model was used to assess longitudinal cHMWK activity in the OLE.

Results

Sustainability of concentrations during long-term lanadelumab treatment

A population PK/PD model was used to assess longitudinal cHMWK activity in the OLE.

Sustainability of efficacy during long-term lanadelumab treatment

Conclusions

A population PK/PD model was used to assess longitudinal cHMWK activity in the OLE.

Lanadelumab demonstrated sustained PK, PD, and exposure response over long-term treatment.

PK/PD characteristics were also similar in the combined group of rollover and nonrollover patients who received ≥10 months of treatment in the OLE.

*Shire, a Takeda company, Cambridge, MA, USA; *Centera Strategic Consulting, Princeton, NJ, USA

**Affiliation at the time the analysis was conducted.