

TABLE 1
Kinetic characteristics of human wild-type recombinant gluco-
kinase

| Kinetic parameter | Close approximation |
|------------------------|---------------------|
| K_{cat} | 50 s ⁻¹ |
| $S_{0.5}$ (glucose) | 8.5 mmol/l |
| K_{m} (ATP) | 0.4 mmol/l |
| n_{H} | 1.7 |
| Inflection point | 3.9 mmol/l |
| $I_{0.5}$ stearyl-CoA* | 1 μmol/l |
| $I_{0.5}$ GK-RP† | 10 μg/ml |

*At the inflection point of glucose. †At the inflection point of glucose and using 1 μg/ml of GST-GK.