```
import os import requests

class OpenRouterAPI: def init(self): self.api_key = os.getenv('OPENROUTER_API_KEY')
self.api_url = os.getenv('OPENROUTER_API_URL',
    'https://openrouter.ai/api/v1/chat/completions') if not self.api_key: raise
ValueError("OpenRouter API key not found in environment variables")

def generate_text(self, prompt, model='gpt-4o-mini', max_tokens=500):
    headers = {
        'Authorization': f'Bearer {self.api_key}',
        'Content-Type': 'application/json'
    }
    payload = {
        'model': model,
        'messages': [{'role': 'user', 'content': prompt}],
        'max_tokens': max_tokens,
        'temperature': 0.7
    }
    response = requests.post(self.api_url, json=payload, headers=headers)
    response.raise_for_status()
    data = response.json()
    return data['choices'][0]['message']['content']
```

Example usage:

openrouter = OpenRouterAPI()

result = openrouter.generate_text("Generate a book outline about psychology for Gen Z")

print(result)